

ALPHA Spezial

BESCHICHTUNGEN

Block 1

1.1 Sylomer R	1.10 Pebbles Rundkegel	1.19 Supergrip weiß
1.2 Sylomer L	1.11 Spitzkegel	1.20 Minigrip petrol
1.3 Celloflex	1.12 PU Spikeprofil	1.21 Minigrip grün
1.4 Sylomer M	1.13 Supergrip schwarz	1.22 PVC Noppen
1.5 PU-Schaum gelb	1.14 Supergrip blau	1.23 PVC Fischgrät
1.6 PU 06	1.15 PVC Haifischzahn	1.24 PVC Sägezahn
1.7 Porol	1.16 PVC Längsrille	1.25 PVC Dreieckprofil
1.8 EPDM	1.17 Supergrip petrol	
1.9 PU Längsrille	1.18 Supergrip grün	

ALPHA Spezial

BESCHICHTUNGEN

Block 2

2.1 PU-Folie 65 Shore A	2.9 Correx beige	2.18 PVC-Folie weiß
2.2 Polythan D15	2.10 Linatex	2.19 PVC Pepita
2.3 Polythan D44	2.11 Linaplus FGL	2.20 PTFE
2.4 PU-Folie 85 Shore A/T2	2.12 NG rot	2.21 TT60
2.5 PU-Folie blau	2.13 Linatrile	2.22 Paraflies
2.6 HV2-Folie	2.14 Elastomer grün	2.23 Chromleder
2.7 PU-Folie 92 Shore A	2.15 PVC-Folie petrol	2.24 Viton
2.8 RP 400	2.16 PVC-Folie grün	2.25 PA-Gewebe
	2.17 PVC-Folie blau	

ALPHA Special

COATINGS

BLOCK 1

1.1 Sylomer R	1.10 Pebbles rounded cone	1.19 Supergrip white
1.2 Sylomer L	1.11 Pointed cone	1.20 Minigrip petrol blue
1.3 Celloflex	1.12 PU spike profile	1.21 Minigrip green
1.4 Sylomer M	1.13 Supergrip black	1.22 PVC cleats
1.5 PU-foam yellow	1.14 Supergrip blue	1.23 PVC fishbone pattern
1.6 PU 06	1.15 PVC shark tooth	1.24 PVC saw tooth
1.7 Porol	1.16 PVC longitudinal groove	1.25 PVC triangular profile
1.8 EPDM	1.17 Supergrip petrol blue	
1.9 PU longitudinal groove	1.18 Supergrip green	

ALPHA Special

COATINGS

BLOCK 2

2.1 PU-foil 65 Shore A	2.10 Linatex	2.19 PVC Pepita
2.2 Polythan D15	2.11 Linaplus FGL	2.20 PTFE
2.3 Polythan D44	2.12 NG red	2.21 TT60
2.4 PU-foil 85 Shore A/T2	2.13 Linatrilite	2.22 Para fleece
2.5 PU-foil blue	2.14 Elastomer green	2.23 Chrome leather
2.6 HV2-foil	2.15 PVC-foil petrol blue	2.24 Viton
2.7 PU-foil 92 Shore A	2.16 PVC-foil green	2.25 PA fabric
2.8 RP 400	2.17 PVC-foil blue	
2.9 Correx beige	2.18 PVC-foil white	

Schaum		Profiliert oder strukturiert			
Polyurethan (PU)	1.1 Sylomer R	Polyurethan (PU)	1.9 PU Längsrille	Polyvinylchlorid (PVC)	1.15 PVC Haifischzahn
	1.2 Sylomer L		1.10 Pebbles Rundkegel		1.16 PVC Längsrille
	1.3 Celloflex		1.11 Spitzkegel		1.17 Supergrip petrol
	1.4 Sylomer M		1.12 PU Spikeprofil		1.18 Supergrip grün
	1.5 PU-Schaum gelb				1.19 Supergrip weiß
	1.6 PU 06				1.20 Minigrip petrol
Gummi	1.7 Porol	Gummi	1.13 Supergrip schwarz	1.21 Minigrip grün	
	1.8 EPDM		1.14 Supergrip blau	1.22 PVC Noppen	
				1.23 PVC Fischgrät	
				1.24 PVC Sägezahn	
				1.25 PVC Dreieckprofil	

Weitere Beschichtungsstärken und Materialien auf Anfrage; keine Standard-Lagerbevorratung bei grau hinterlegter Stärke (s) und grau hinterlegtem Durchmesser (Ø); Annahmen: „Mitnahme“ bei leicht strukturiertem Transportgut, „Abriebfestigkeit“ bei Relativbewegung

	Foam		Profiled or structured	
Polyurethane (PU)	1.1 Sylomer R	Polyurethane (PU)	1.9 PU longitudinal groove	1.15 PVC shark tooth
	1.2 Sylomer L		1.10 Pebbles rounded cone	1.16 PVC longitudinal groove
	1.3 Celloflex		1.11 Pointed cone	1.17 Supergrip petrol blue
	1.4 Sylomer M		1.12 PU spike profile	1.18 Supergrip green
	1.5 PU-foam yellow			1.19 Supergrip white
	1.6 PU 06			1.20 Minigrip petrol blue
Rubber	1.7 Porol	Rubber	1.13 Supergrip black	1.21 Minigrip green
	1.8 EPDM		1.14 Supergrip blue	1.22 PVC cleats
				1.23 PVC fishbone pattern
				1.24 PVC saw tooth
				1.25 PVC triangular profile

Further coating thickness sizes and materials on request; non-stocking materials when the strength (s) and the diameter (Ø) are highlighted in grey; assumptions: "degree of grip" for slightly textured conveyed goods, "abrasion resistance" at relative motion

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

Härte bzw. Dichte

Temperaturbeständigkeit

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

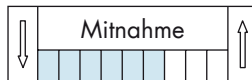
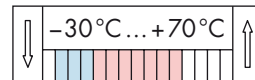
Mitnahmefähigkeit

Abriebfestigkeit



Sylomer R, blau, PU-Schaum

s	6,0	12,0				
Ø	120	240				



Härte: ≈ 10 Shore A; dynamisch hoch belastbar; Transport leichter, empfindlicher Teile; Abzugsbänder mit geringer Belastung; z. B. in Papier- und Textilindustrie; für Oberdruckriemen

Picture

Name, Colour,
Material

Hardness / Density

Temperature
resistance

Standard thickness s [mm]
Minimum pulley Ø [mm]

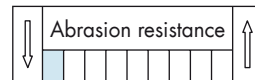
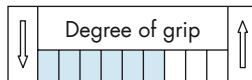
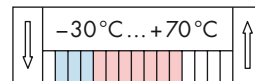
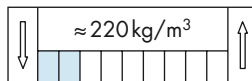
Degree of grip

Abrasion
resistance



**Sylomer R, blue,
PU-foam**

s	6.0	12.0				
Ø	120	240				



Hardness: ≈ 10 Shore A; high dynamical load; conveyance of lightweight, fragile parts; discharge conveyors with low loads; e.g. in the paper and textile industry; for top pressure belts

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

Härte bzw. Dichte

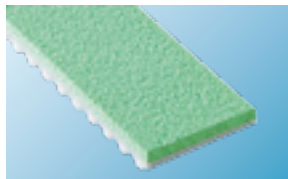
Temperaturbeständigkeit

1.2

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

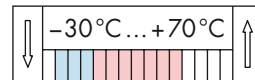
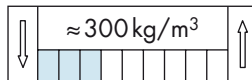
Mitnahmefähigkeit

Abriebfestigkeit



Sylomer L, grün, PU-Schaum

s	6,0	12,0	15,0	20,0	25,0
Ø	120	240	300	400	500



Härte: \approx 15 Shore A; weit verbreitet; Anwendung wie Sylomer R, blau, jedoch höhere Härte

Picture

Name, Colour,
Material

Hardness / Density

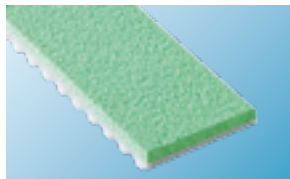
Temperature
resistance

Standard thickness s [mm]
Minimum pulley Ø [mm]

Degree of grip

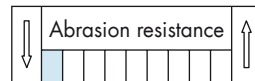
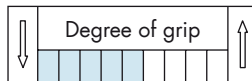
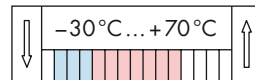
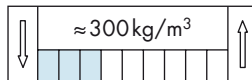
Abrasion
resistance

1.2



**Sylomer L, green,
PU-foam**

s	6.0	12.0	15.0	20.0	25.0
Ø	120	240	300	400	500



Hardness: \approx 15 Shore A; common/widely-used; same application as Sylomer R, blue, but increased hardness

Abbildung der Beschichtung

1.3

Bezeichnung, Farbe, Material

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

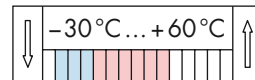
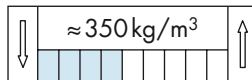
Temperaturbeständigkeit

Abriebfestigkeit



Celloflex, beige, mikrozelliges PU

s	2,0	3,0	4,0	5,0	6,0	8,0
Ø	40	60	70	90	110	140



Weit verbreitet; auch Schaumvulkollan genannt; für Schaum mittlerer Härte sehr hohe dynamische Belastbarkeit und gute Abriebfestigkeit; z. B. für Folien, Textilien und Verpackungen

Picture

Name, Colour,
Material

Hardness / Density

Temperature
resistance

1.3

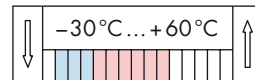
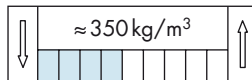
Standard thickness s [mm]
Minimum pulley \varnothing [mm]

Degree of grip

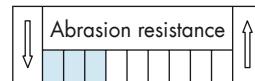
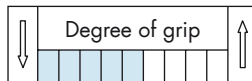
Abrasion
resistance



**Celloflex, beige,
micro-cellular PU**



s	2.0	3.0	4.0	5.0	6.0	8.0
\varnothing	40	60	70	90	110	140



Common/widely-used; foam with medium hardness, for extremely high dynamic load capacity and good abrasion resistance; e. g. for foils, textiles and packaging

Abbildung der Beschichtung

1.4

Bezeichnung, Farbe, Material

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

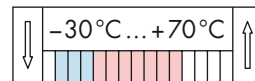
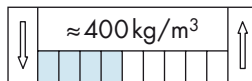
Temperaturbeständigkeit

Abriebfestigkeit



Sylomer M, braun, PU-Schaum

s	6,0	12,0				
Ø	120	240				



Härte: ≈ 22 Shore A; Anwendung wie Sylomer R, blau, jedoch höhere Härte als Sylomer L, grün

Picture

Name, Colour,
Material

Hardness / Density

Temperature
resistance

1.4

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

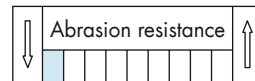
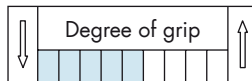
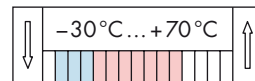
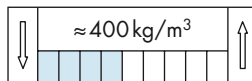
Degree of grip

Abrasion
resistance



**Sylomer M, brown,
PU-foam**

s	6.0	12.0				
\varnothing	120	240				



Hardness: ≈ 22 Shore A; same application as Sylomer R, blue, but greater hardness as Sylomer L, green

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

Härte bzw. Dichte

Temperaturbeständigkeit

1.5

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

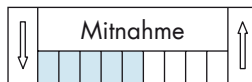
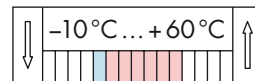
Mitnahmefähigkeit

Abriebfestigkeit



PU-Schaum gelb, feinporiges PU

s	2,0	3,0	6,0	8,0	10,0	12,0
Ø	60	70	120	160	200	240



Einsatzgebiete wie PU 06, jedoch preisgünstiger; leicht reduzierte Abriebfestigkeit im Vergleich zu PU 06; im Gegensatz zu PU 06 kann diese Beschichtung als Standard mit 2 mm und 3 mm Stärke direkt auf den Optibelt ALPHA linear AT10 extrudiert werden; weitere Profile auf Anfrage; Verschweißung zu ALPHA V zusammen mit der Beschichtung und somit ohne Stoß auch bei großen Längen; kann alternativ auch nachträglich mit Stoßstelle aufgebracht werden; z.B. in Papier- und Glasindustrie; gute mechanische Bearbeitbarkeit, z.B. Einfräsen von Taschen für Vakuumtransport

Picture

Name, Colour,
Material

Hardness / Density

Temperature
resistance

1.5

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

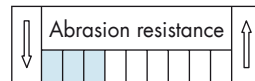
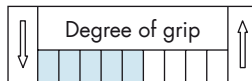
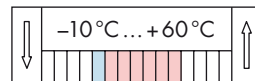
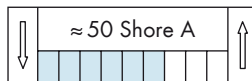
Degree of grip

Abrasion
resistance



**PU-foam yellow,
fine pored PU**

s	2.0	3.0	6.0	8.0	10.0	12.0
\varnothing	60	70	120	160	200	240



Same application areas as PU 06, but lower-priced; a little less abrasion-resistant than PU 06; unlike PU 06 this coating can be extruded as standard coating directly onto the Optibelt ALPHA linear AT10 in 2 mm and 3 mm thickness; further sections on request; ability to weld to ALPHA V without joint, even with greater length; e.g. for use in paper and glass industry; good mechanical processing capabilities, e.g. cutting of pockets for vacuum transport

Abbildung der Beschichtung

1.6

Bezeichnung, Farbe, Material

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Temperaturbeständigkeit

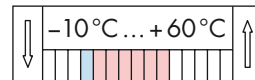
Mitnahmefähigkeit

Abriebfestigkeit



PU 06, gelb, feinporiges PU

s	2,0	3,0	5,0	6,0	8,0	10,0
Ø	60	70	100	120	160	200



Weit verbreitet; für einen Schaum hohe Abriebfestigkeit; z. B. in Papier- und Glasindustrie; gute mechanische Bearbeitbarkeit, z. B. Einfräsen von Taschen für Vakuumtransport; alternativ ohne Stoßstelle im Sprühverfahren bei kleinen und mittleren Längen

Picture

Name, Colour,
Material

Hardness / Density

Temperature
resistance

1.6

Standard thickness s [mm]
Minimum pulley Ø [mm]

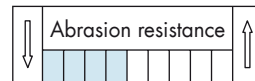
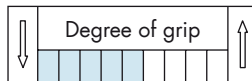
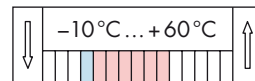
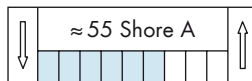
Degree of grip

Abrasion
resistance



**PU 06, yellow,
fine pored PU**

s	2.0	3.0	5.0	6.0	8.0	10.0
Ø	60	70	100	120	160	200



Common/widely-used; foam with high abrasion resistance; e. g. in paper and glass industry; easy mechanical processing, e. g. cutting of pockets for vacuum transport; alternatively without joint in a spraying process for short and medium length ranges

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

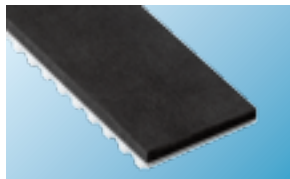
Härte bzw. Dichte

Temperaturbeständigkeit

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

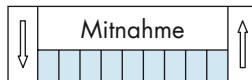
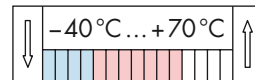
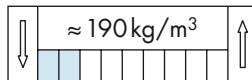
Mitnahmefähigkeit

Abriebfestigkeit



Porol, schwarz, Zellkautschuk

s	5,0	12,0				
Ø	60	150				



Weit verbreitet; geschlossenporig; z. B. für Textil- und Papierindustrie; zum Höhenausgleich zusammen mit einer weiteren, dünnen, elastischen Schutzbeschichtung wie Linatex

Picture

Name, Colour,
Material

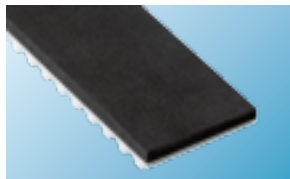
Hardness / Density

Temperature
resistance

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

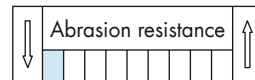
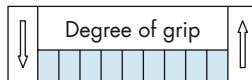
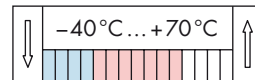
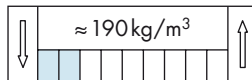
Degree of grip

Abrasion
resistance



**Porol, black,
cellular rubber**

s	5.0	12.0				
\varnothing	60	150				



Common/widely-used; closed pored; e. g. for textile and paper industry; for height adjustments in combination with a further thin, elastic protective coating such as Linatex

Abbildung der Beschichtung

1.8

Bezeichnung, Farbe, Material

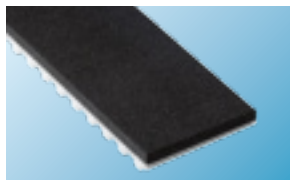
Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

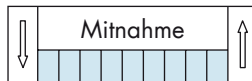
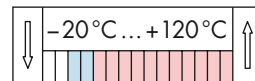
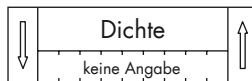
Temperaturbeständigkeit

Abriebfestigkeit



EPDM, schwarz, synthetisches Gummi

s	2,0	3,0	4,0	5,0	6,0
Ø	40	40	50	60	80



EPDM: Ethylen-Propylen-Terpolymere; Schaum; Einsatz z. B. bei warmen Glas- oder Metallprodukten; verbesserte Chemikalien- und Alterungsbeständigkeit; verbesserte Abriebbeständigkeit; keine verbesserte Öl- und Fettbeständigkeit im Vergleich zu Naturkautschuk

Picture

Name, Colour,
Material

Hardness / Density

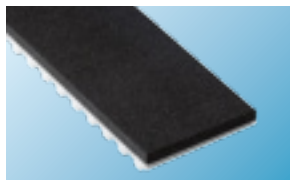
Temperature
resistance

1.8

Standard thickness s [mm]
Minimum pulley Ø [mm]

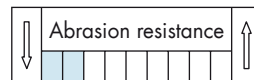
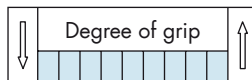
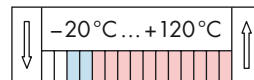
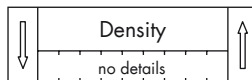
Degree of grip

Abrasion
resistance



**EPDM, black,
synthetic rubber**

s	2.0	3.0	4.0	5.0	6.0
Ø	40	40	50	60	80



EPDM: Ethylene-Propylene-Terpolymer; foam; in applications e. g. with heated glass or metal products; improved chemical and aging resistance; better abrasion resistance; similar oil and grease resistance as natural rubber

Abbildung der Beschichtung

1.9

Bezeichnung, Farbe, Material

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

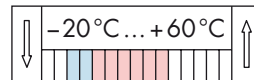
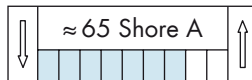
Temperaturbeständigkeit

Abriebfestigkeit



PU Längsrille, transparent, PU

s	2,0				
Ø	60				



Keilförmige Rippen mit balligem Abschluss; vermindertes Anhaften von glattem und trockenem Transportgut; z. B. Flachglas; Abfließen von Flüssigkeiten möglich

Picture

Name, Colour,
Material

Hardness / Density

Temperature
resistance

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

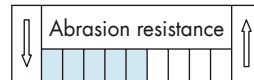
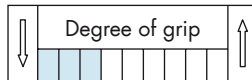
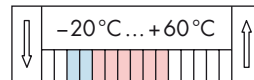
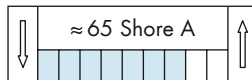
Degree of grip

Abrasion
resistance



**PU longitudinal
groove,
transparent, PU**

s	2.0				
\varnothing	60				



V-shaped ribs with crowned top; reduces adhesion of smooth and dry conveyed goods, e.g. flat glass; draining of liquids possible

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

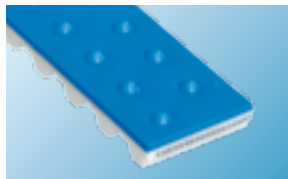
Härte bzw. Dichte

Temperaturbeständigkeit

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

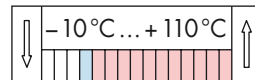
Mitnahmefähigkeit

Abriebfestigkeit



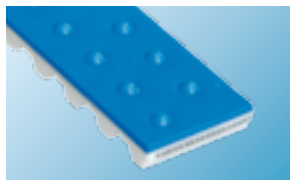
Pebbles Rundkegel, blau, PVC (FDA)

s	2,5				
Ø	30				



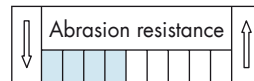
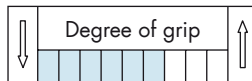
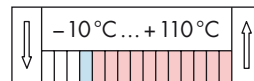
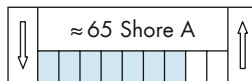
FDA-Zulassung für Lebensmittelkontakt; z. B. Transport von Wurst und Käse; bei schmalen Riemen nur einreihige Rundkegel-Profile; Reihenabstand ca. 8,5 mm; Kegelhöhe ca. 1 mm; Kegel-Ø ca. 3,5 mm; Ausführungsvariante in Farbe Weiß

Picture	Name, Colour, Material	Hardness / Density	Temperature resistance
1.10	Standard thickness s [mm] Minimum pulley Ø [mm]	Degree of grip	Abrasion resistance



Pebbles rounded cone, blue, PVC (FDA)

s	2.5				
Ø	30				



FDA approved for direct contact with food; e. g. for the conveyance of sausage and cheese; for narrow belts only single-row profiles with rounded cones; line distance between the cones approx. 8.5 mm; cone height approx. 1 mm; cone-Ø approx. 3.5 mm; further design version in colour white on request

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

Härte bzw. Dichte

Temperaturbeständigkeit

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

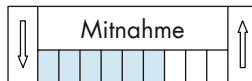
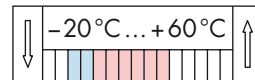
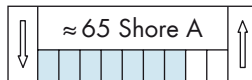
Mitnahmefähigkeit

Abriebfestigkeit

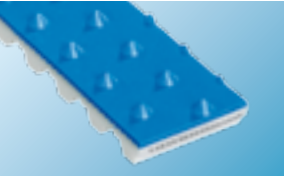


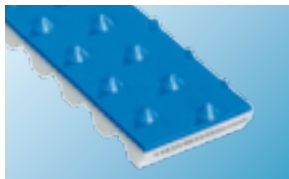
Spitzkegel, blau, Polyurethan (FDA)

s	2,5				
Ø	30				



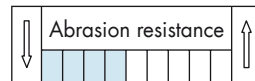
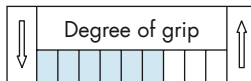
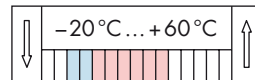
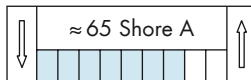
FDA-Zulassung für Lebensmittelkontakt; z. B. Transport gefrosteter Lebensmittel; bei schmalen Riemen nur einreihige Spitz-Profile; Reihenabstand ca. 8,5 mm; Kegelhöhe ca. 2 mm; Kegel-Ø ca. 3,5 mm; Ausführungsvariante in Farbe Weiß

Picture	Name, Colour, Material	Hardness / Density	Temperature resistance
	Standard thickness s [mm] Minimum pulley Ø [mm]	Degree of grip	Abrasion resistance



Pointed cone, blue, polyurethane (FDA)

s	2.5				
Ø	30				



FDA approved for direct contact with food; e.g. for the conveyance of frosted food; for narrow belts only single-row profiles with pointed cones; line distance between the cones approx. 8.5 mm; cone height approx. 2 mm; cone-Ø approx. 3.5 mm; further design version in colour white on request

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

Härte bzw. Dichte

Temperaturbeständigkeit

1.12

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

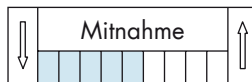
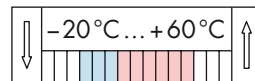
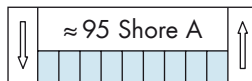
Mitnahmefähigkeit

Abriebfestigkeit



PU Spikeprofil, beige, PU (FDA)

s	5,3				
Ø	60				



FDA-Zulassung für Lebensmittelkontakt; z. B. Transport gefrorener Lebensmittel; bei schmalen Riemen nur einreihige Spitz-Profile; Reihenabstand ca. 15 mm; spitzer, bauchiger Kegel; Kegelhöhe ca. 4,0 mm; Kegel-Ø ca. 3,3 mm; Gesamthöhe ca. 5,3 mm

Picture

Name, Colour,
Material

Hardness / Density

Temperature
resistance

Standard thickness s [mm]
Minimum pulley Ø [mm]

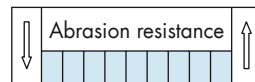
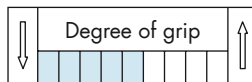
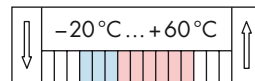
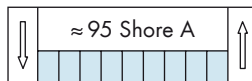
Degree of grip

Abrasion
resistance



**PU spike profile,
beige, PU (FDA)**

s	5.3				
Ø	60				



FDA approved for direct contact with food; e. g. conveyance of frosted food; for narrow belts only single-row profiles with pointed cones; line distance between the cones approx. 15 mm; pointed, bulbous cone; cone height approx. 4.0 mm; cone-Ø approx. 3.3 mm; total height approx. 5.3 mm

Abbildung der Beschichtung

1.13

Bezeichnung, Farbe, Material

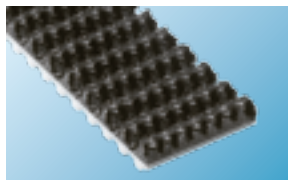
Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

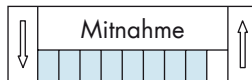
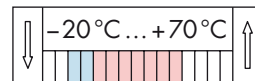
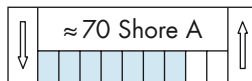
Temperaturbeständigkeit

Abriebfestigkeit



Supergrip schwarz, Gummi

s	4,0				
Ø	60				



Durch Profilierung kleiner Höhengleich, geringe Stoßdämpfung und kleine Relativbewegung möglich; verbesserte Mitnahme auch bei Feuchtigkeit und Verschmutzung; z.B. Transport scharfkantiger Steine oder von Flachglas unter Hochvakuum, wo z. B. PVC schrumpfen kann

Picture

Name, Colour,
Material

Hardness / Density

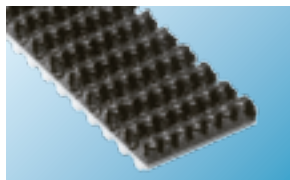
Temperature
resistance

1.13

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

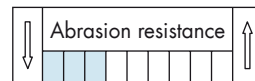
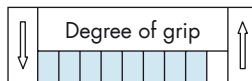
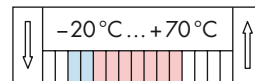
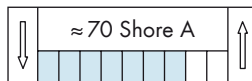
Degree of grip

Abrasion
resistance



**Supergrip black,
rubber**

s	4.0				
\varnothing	60				



Used for slight height compensation; low shock absorption capabilities and slight relative motion due to profile design possible; improved degree of grip even in case of moisture and dirt; e.g. for the conveying of sharp-edged stones or of flat glass in high vacuum applications, when e.g. PVC might shrink

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

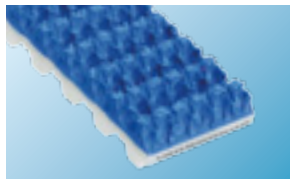
Härte bzw. Dichte

Temperaturbeständigkeit

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

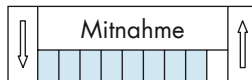
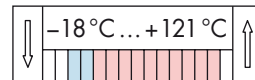
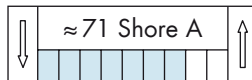
Mitnahmefähigkeit

Abriebfestigkeit



Supergrip blau, Nitrilkautschuk

s	4,0				
Ø	60				



Eigenschaften ähnlich Supergrip schwarz; verbesserte Temperatur-, Öl-, Fett- und Alterungsbeständigkeit jeweils im Vergleich zu Naturkautschuk; z. B. Transport von verpackten Lebensmitteln

Picture

Name, Colour,
Material

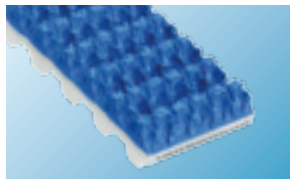
Hardness / Density

Temperature
resistance

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

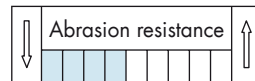
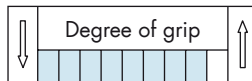
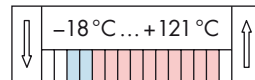
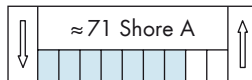
Degree of grip

Abrasion
resistance



**Supergrip blue,
nitrile rubber**

s	4.0				
\varnothing	60				



Characteristics similar to Supergrip black; improved temperature, oil, grease and aging resistance compared to natural rubber; e. g. for the conveying of packed food

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

Härte bzw. Dichte

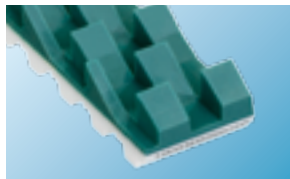
Temperaturbeständigkeit

1.15

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

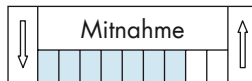
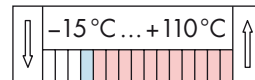
Mitnahmefähigkeit

Abriebfestigkeit



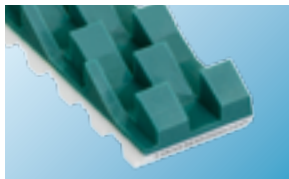
PVC Haifischzahn, petrol, PVC

s	6,0				
Ø	55				



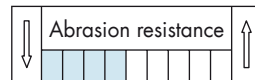
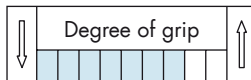
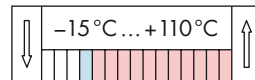
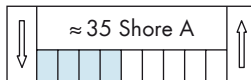
Richtungsabhängige Mitnahmeeigenschaften: stark profiliertes Transportgut gegen den Zahn, glattes bzw. leicht strukturiertes Transportgut mit dem Zahn durch gutes Anlegen an das Transportgut; guter Ausgleich der Transportgut-Höhentoleranzen bei Abzugsbändern; z. B. Flaschentransport

Picture	Name, Colour, Material	Hardness / Density	Temperature resistance
1.15	Standard thickness s [mm] Minimum pulley Ø [mm]	Degree of grip	Abrasion resistance



**PVC shark tooth,
petrol blue, PVC**

s	6.0				
Ø	55				



The friction characteristics depend on the direction of conveyance: heavily profiled goods conveyed contrary to the direction of the tooth, smooth or slightly structured goods in direction of the tooth due to the close attachment to the tooth; good compensation of height tolerances of the goods conveyed especially at discharge belts, e. g. for the conveyance of bottles

Abbildung der Beschichtung

1.16

Bezeichnung, Farbe, Material

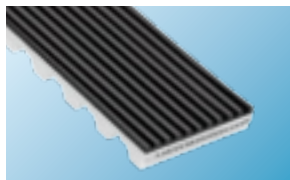
Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

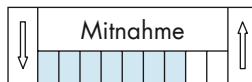
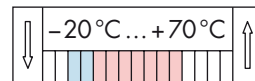
Temperaturbeständigkeit

Abriebfestigkeit



PVC Längsrille, schwarz, PVC

s	2,0				
Ø	30				



Keilförmige Rippen mit flachem Abschluss; verbesserte Mitnahme bei leichter Staubeinwirkung; Abfließen von Flüssigkeiten möglich

Picture

Name, Colour,
Material

Hardness / Density

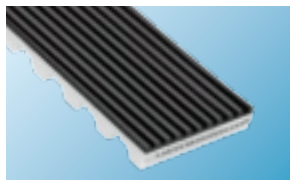
Temperature
resistance

1.16

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

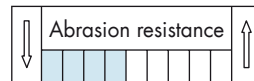
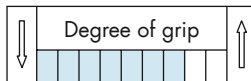
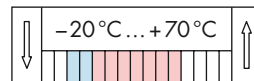
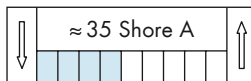
Degree of grip

Abrasion
resistance



**PVC longitudinal
groove, black, PVC**

s	2.0				
\varnothing	30				



V-shaped ribs with flat tops; improved degree of grip under dusty conditions, draining of liquids possible

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

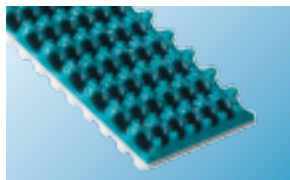
Härte bzw. Dichte

Temperaturbeständigkeit

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

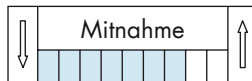
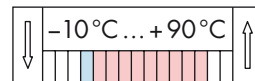
Mitnahmefähigkeit

Abriebfestigkeit



Supergrip petrol, Polyvinylchlorid

s	4,0				
Ø	60				



Weit verbreitet; durch Profilierung kleiner Höhenausgleich, geringe Stoßdämpfung und kleine Relativbewegung möglich; verbesserte Mitnahme auch bei Feuchtigkeit und Verschmutzung; z. B. Holz-, Glas- und Verpackungsindustrie

Picture

Name, Colour,
Material

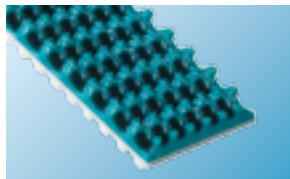
Hardness / Density

Temperature
resistance

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

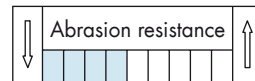
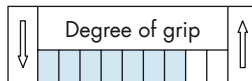
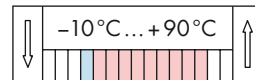
Degree of grip

Abrasion
resistance



**Supergrip petrol blue,
polyvinyl chloride**

s 4.0 | | | | |
 \varnothing 60 | | | | |



Common/widely-used; applicable at slight height compensation, low shock absorption capabilities and slight relative motion possible; improved degree of grip even in case of moisture and dirt; e.g. for the timber, glass and packaging industries

Abbildung der Beschichtung

1.18

Bezeichnung, Farbe, Material

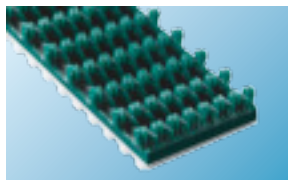
Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

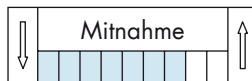
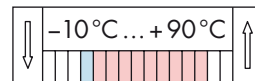
Temperaturbeständigkeit

Abriebfestigkeit



Supergrip grün, Polyvinylchlorid

s	4,0				
Ø	60				



Eigenschaften und Einsatzgebiete wie Supergrip petrol; etwas flexibler u. a. durch größeren Noppenabstand

Picture

Name, Colour,
Material

Hardness / Density

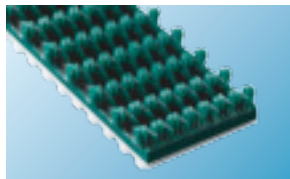
Temperature
resistance

1.18

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

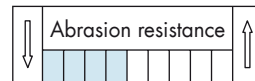
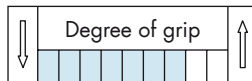
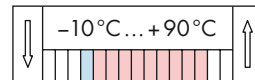
Degree of grip

Abrasion
resistance



**Supergrip green,
polyvinyl chloride**

s	4.0				
\varnothing	60				



Characteristics and application areas same as Supergrip petrol; slightly more flexible due to larger distance between the cleats (amongst others)

Abbildung der Beschichtung

1.19

Bezeichnung, Farbe, Material

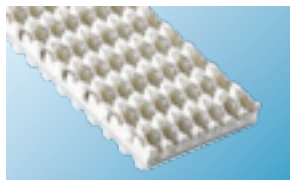
Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

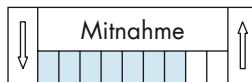
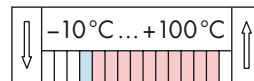
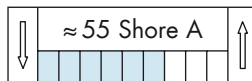
Temperaturbeständigkeit

Abriebfestigkeit



Supergrip weiß, PVC (FDA)

s	4,0				
Ø	60				



FDA-Zulassung für Lebensmittelkontakt; Eigenschaften wie Supergrip petrol; Profilierung wie Supergrip grün, aber nicht so flexibel; z. B. Transport von Lebensmitteln

Picture

Name, Colour,
Material

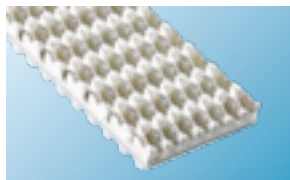
Hardness / Density

Temperature
resistance

Standard thickness s [mm]
Minimum pulley Ø [mm]

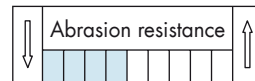
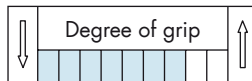
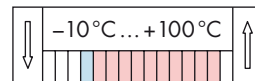
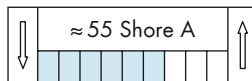
Degree of grip

Abrasion
resistance



**Supergrip white,
PVC (FDA)**

s	4.0				
Ø	60				



FDA approved for direct contact with food; characteristics same as Supergrip petrol; profile same as Supergrip green, however less flexible; e. g. for the conveyance of food

Abbildung der Beschichtung

1.20

Bezeichnung, Farbe, Material

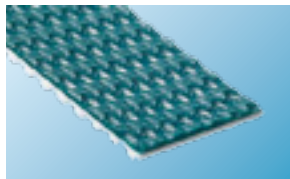
Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

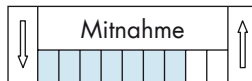
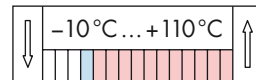
Temperaturbeständigkeit

Abriebfestigkeit



Minigrip petrol, Polyvinylchlorid

s	1,0				
Ø	30				



Leichte Profilierung für verbesserte Mitnahme auch bei Feuchtigkeit und leichter Staubeinwirkung; vermindertes Anhaften von glattem und trockenem Transportgut; z. B. Flachglas

Picture

Name, Colour,
Material

Hardness / Density

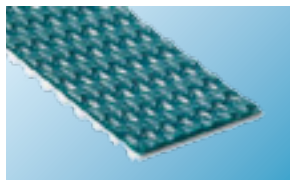
Temperature
resistance

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

Degree of grip

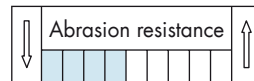
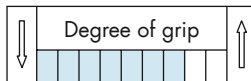
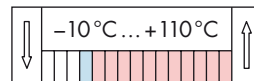
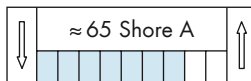
Abrasion
resistance

1.20



**Minigrip petrol blue,
polyvinyl chloride**

s	1.0				
\varnothing	30				



Thin profile for improved degree of grip even under moist or dusty conditions; reduces sticking of smooth and dry conveyed goods; e. g. flat glass

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

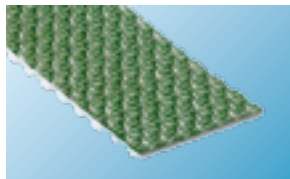
Härte bzw. Dichte

Temperaturbeständigkeit

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

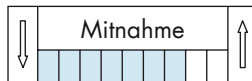
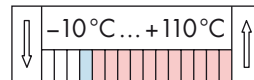
Mitnahmefähigkeit

Abriebfestigkeit



Minigrip grün, Polyvinylchlorid

s	1,0				
Ø	30				



Eigenschaften und Einsatzgebiete wie Minigrip petrol

Picture

Name, Colour,
Material

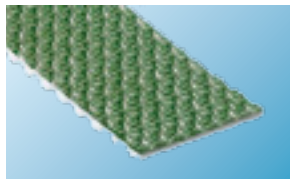
Hardness / Density

Temperature
resistance

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

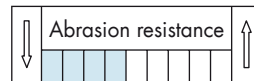
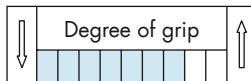
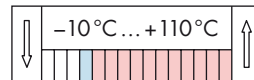
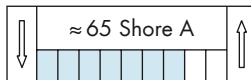
Degree of grip

Abrasion
resistance



**Minigrip green,
polyvinyl chloride**

s	1.0				
\varnothing	30				



Characteristics and application areas same as Minigrip petrol

Abbildung der Beschichtung

1.22

Bezeichnung, Farbe, Material

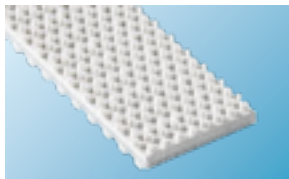
Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

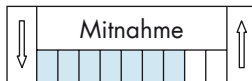
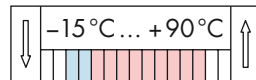
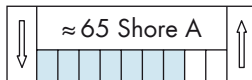
Temperaturbeständigkeit

Abriebfestigkeit



PVC Noppen, weiß, PVC (FDA)

s	1,5				
Ø	60				



FDA-Zulassung für Lebensmittelkontakt; leichte Profilierung für verbesserte Mitnahme auch bei Feuchtigkeit; Transport von Verpackungen in der Lebensmittelindustrie

Picture

Name, Colour,
Material

Hardness / Density

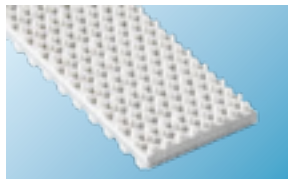
Temperature
resistance

1.22

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

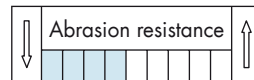
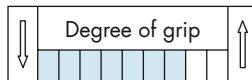
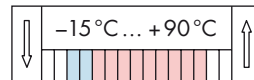
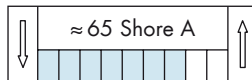
Degree of grip

Abrasion
resistance



**PVC cleats, white,
PVC (FDA)**

s	1.5				
\varnothing	60				



FDA approved for direct contact with food; thin profile for improved degree of grip even under moist conditions; conveyance of packages in the food industry

Abbildung der Beschichtung

1.23

Bezeichnung, Farbe, Material

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

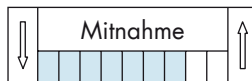
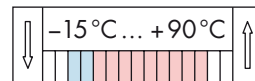
Temperaturbeständigkeit

Abriebfestigkeit



PVC Fischgrät, weiß, PVC (FDA)

s	4,0				
Ø	80				



FDA-Zulassung für Lebensmittelkontakt; deutliche Profilierung hier ohne Wasserrille für verbesserte Mitnahme auch bei Nässe; bei schmalen Riemen ggf. nur einfach schrägverzahnt; Variante mit Wasserrille auf Anfrage; Transport z. B. von nassem Flachglas

Picture

Name, Colour,
Material

Hardness / Density

Temperature
resistance

1.23

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

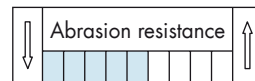
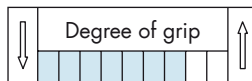
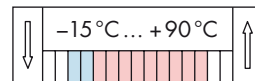
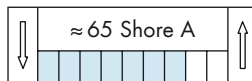
Degree of grip

Abrasion
resistance



**PVC fishbone
pattern,
white, PVC (FDA)**

s	4.0				
\varnothing	80				



FDA approved for direct contact with food; distinct profile, here without runlet for improved degree of grip under wet conditions; small belts may only have a single row with helical-cut profile; version with runlet on request; for the conveyance e. g. of wet flat glass

Abbildung der Beschichtung

1.24

Bezeichnung, Farbe, Material

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

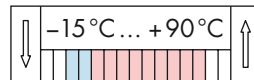
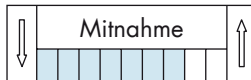
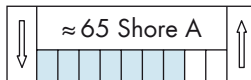
Temperaturbeständigkeit

Abriebfestigkeit



PVC Sägezahn, weiß, PVC (FDA)

s	3,0				
Ø	60				



FDA-Zulassung für Lebensmittelkontakt; deutliche Profilierung für verbesserte Mitnahme auch bei Feuchtigkeit und Nässe; Linienberührung

Picture

Name, Colour,
Material

Hardness / Density

Temperature
resistance

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

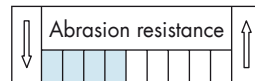
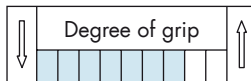
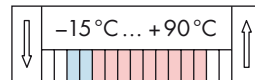
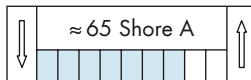
Degree of grip

Abrasion
resistance



**PVC saw tooth,
white, PVC (FDA)**

s	3.0				
\varnothing	60				



FDA approved for direct contact with food; distinct profile for improved degree of grip even under moist and wet conditions; line contact

Abbildung der Beschichtung

1.25

Bezeichnung, Farbe, Material

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

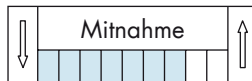
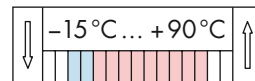
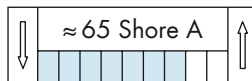
Temperaturbeständigkeit

Abriebfestigkeit



PVC Dreieckprofil, weiß, PVC (FDA)

s	3,0				
Ø	60				



FDA-Zulassung für Lebensmittelkontakt; mittlere Profilierung für verbesserte Mitnahme auch bei Feuchtigkeit; Linienberührung

Picture

Name, Colour,
Material

Hardness / Density

Temperature
resistance

1.25

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

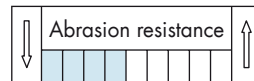
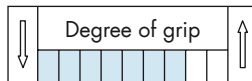
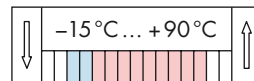
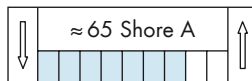
Degree of grip

Abrasion
resistance



**PVC triangular
profile,
white, PVC (FDA)**

s 3.0				
\varnothing 60				



FDA approved for direct contact with food; medium size profile for improved degree of grip even under moist conditions; line contact

Glatt oder leicht strukturiert					
Polyurethan (PU)	2.1 PU-Folie 65 Shore A	Gummi	2.8 RP 400	Polyvinylchlorid (PVC)	2.15 PVC-Folie petrol
	2.2 Polythan D15		2.9 Correx beige		2.16 PVC-Folie grün
	2.3 Polythan D44		2.10 Linatex		2.17 PVC-Folie blau
	2.4 PU-Folie 85 Shore A/T2		2.11 Linaplust FGL		2.18 PVC-Folie weiß
	2.5 PU-Folie blau		2.12 NG rot		2.19 PVC Pepita
	2.6 HV2-Folie		2.13 Linatrilite		
	2.7 PU-Folie 92 Shore A		2.14 Elastomer grün		
			Besondere/PA-Gewebe		
					2.20 PTFE
					2.21 TT60
					2.22 Paraflies
					2.23 Chromleder
					2.24 Viton
					2.25 PA-Gewebe

Weitere Beschichtungsstärken und Materialien auf Anfrage; keine Standard-Lagerbevorratung bei grau hinterlegter Stärke (s) und grau hinterlegtem Durchmesser (Ø); Annahmen: „Mitnahme“ bei leicht strukturiertem Transportgut, „Abriebfestigkeit“ bei Relativbewegung

Smooth or slightly structured					
Polyurethane (PU)	2.1 PU-foil 65 Shore A	Rubber	2.8 RP 400	Polyvinyl chloride (PVC)	2.15 PVC-foil petrol blue
	2.2 Polythan D15		2.9 Correx beige		2.16 PVC-foil green
	2.3 Polythan D44		2.10 Linatex		2.17 PVC-foil blue
	2.4 PU-foil 85 Shore A/T2		2.11 Linaplus FGL		2.18 PVC-foil white
	2.5 PU-foil blue		2.12 NG red		2.19 PVC Pepita
	2.6 HV2-foil		2.13 Linatrilite		
	2.7 PU-foil 92 Shore A		2.14 Elastomer green		
			Specials/ Polyamide fabrics	2.20 PTFE	
				2.21 TT60	
				2.22 Para fleece	
				2.23 Chrome leather	
				2.24 Viton	
				2.25 PA fabric	

Further coating thickness sizes and materials on request; non-stocking materials when the strength (s) and the diameter (Ø) are highlighted in grey; assumptions: "degree of grip" for slightly textured conveyed goods, "abrasion resistance" at relative motion

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

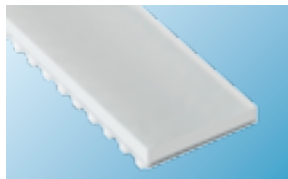
Härte bzw. Dichte

Temperaturbeständigkeit

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

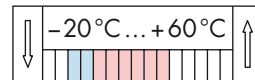
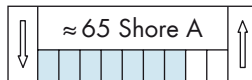
Mitnahmefähigkeit

Abriebfestigkeit



PU-Folie 65 Shore A, transparent, PU

s	2,0	3,0	4,0		
Ø	60	80	100		



Sehr adhäsiv bei glatten, trockenen Oberflächen; z. B. Transport von Glas; durch mögliches Schüsseln weniger empfohlen bei leichtem Transportgut wie Folien, siehe PU-Folie 85 Shore A

Picture

Name, Colour, Material

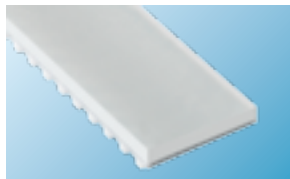
Hardness / Density

Temperature resistance

Standard thickness s [mm]
Minimum pulley Ø [mm]

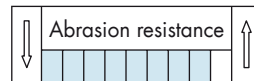
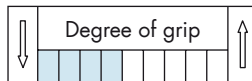
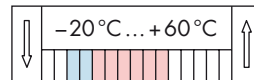
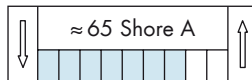
Degree of grip

Abrasion resistance



PU-foil 65 Shore A, transparent, PU

s	2.0	3.0	4.0			
Ø	60	80	100			



Strongly adhesive at smooth, dry surfaces; e. g. for the conveyance of glass; due to possible dishing less suitable for the conveyance of light goods such as foils, see also PU-foil 85 Shore A

Abbildung der Beschichtung

2.2

Bezeichnung, Farbe, Material

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

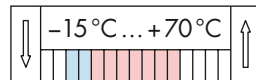
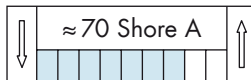
Temperaturbeständigkeit

Abriebfestigkeit



Polythan D15, transparent/gelblich, PU

s	2,0	3,0	5,0		
Ø	60	80	120		



Auch Festvulkollan genannt; bei vergleichsweise geringer Härte und hoher dynamischer Belastbarkeit hohe Abriebfestigkeit und hohe Weiterreißfestigkeit; z. B. als Abzugsriemen

Picture

Name, Colour, Material

Hardness / Density

Temperature resistance

2.2

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

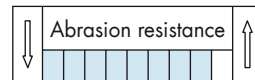
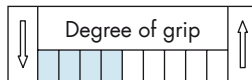
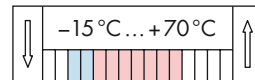
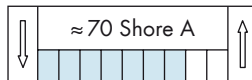
Degree of grip

Abrasion resistance



Polythän D15, transparent/ yellowish, PU

s	2.0	3.0	5.0			
\varnothing	60	80	120			



Also known as “Festvulkollan”; despite of low hardness and high dynamic load capacity it has high abrasion resistance and high tear resistance; e. g. for applications such as discharge belts

Abbildung der Beschichtung

2.3

Bezeichnung, Farbe, Material

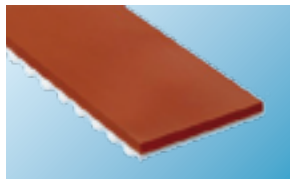
Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

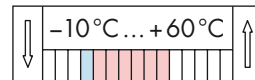
Temperaturbeständigkeit

Abriebfestigkeit



Polythan D44, transparent/bräunlich, PU

s	2,0	3,0	5,0			
Ø	60	80	120			



Eigenschaften ähnlich Polythan D15, jedoch mit geringerer Weiterreißfestigkeit

Picture

Name, Colour, Material

Hardness / Density

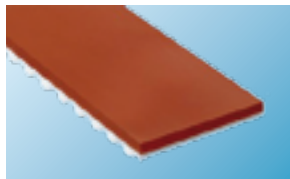
Temperature resistance

2.3

Standard thickness s [mm]
Minimum pulley Ø [mm]

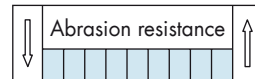
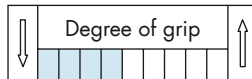
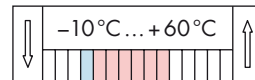
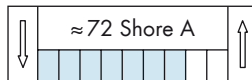
Degree of grip

Abrasion resistance



Polythan D44,
transparent/
brownish, PU

s	2.0	3.0	5.0			
Ø	60	80	120			



Characteristics comparable with Polythan D15, however less tear resistant

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

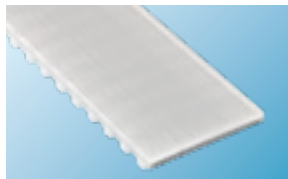
Härte bzw. Dichte

Temperaturbeständigkeit

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

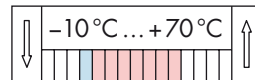
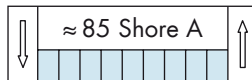
Mitnahmefähigkeit

Abriebfestigkeit



PU-Folie 85 Shore A/ T2, transparent, PU

s	2,0	3,0	4,0		
Ø	60	80	100		



Weit verbreitet; besonders geeignet für schwere, scharfkantige Transportgüter z. B. in der Blech- und Glasverarbeitung; etwas weniger adhäsiv als PU-Folie 65 Shore A; Ausführung T2: 2 mm Höhe, 85 Shore A; im Gegensatz zur PU-Folie 85 Shore A wird diese Beschichtung als Standard direkt auf den Optibelt ALPHA linear T10, AT10 oder H extrudiert; Verschweißung zu ALPHA V zusammen mit der Beschichtung ohne Stoßstelle; durchgängig adhäsiv; weitere Profile, Höhen und Härten auf Anfrage

Picture

Name, Colour,
Material

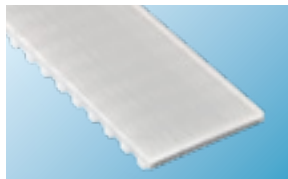
Hardness / Density

Temperature
resistance

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

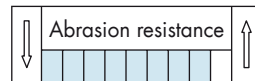
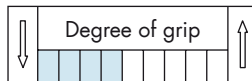
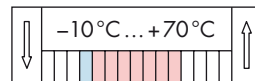
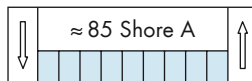
Degree of grip

Abrasion
resistance



**PU-foil 85 Shore A/
T2, transparent, PU**

s	2.0	3.0	4.0			
\varnothing	60	80	100			



Common/widely-used; particularly suitable for heavy, sharp-edged conveyed goods, e.g. in sheet metal and glass processing; a bit less adhesive than PU-foil 65 Shore A;

Design T2: 2 mm height, 85 Shore A; in contrast to PU-foil 85 Shore A, this coating can be extruded directly onto the Optibelt ALPHA linear T10, AT10 or H; joined to ALPHA V with coating by welding process possible; further profiles, heights and hardness ranges on request

Abbildung der Beschichtung

2.5

Bezeichnung, Farbe, Material

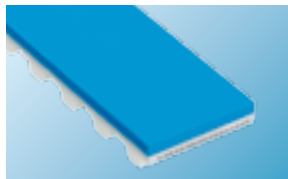
Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

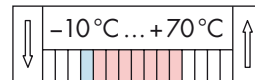
Temperaturbeständigkeit

Abriebfestigkeit



PU-Folie blau, Polyurethan (FDA)

s	2,0	3,0				
Ø	60	80				



PU-Grundmaterial FDA-zugelassen für Lebensmittelindustrie; Einsatz auch in der Pharmaindustrie; verklebbar und im Gegensatz zu PVC aufschweißbar; im Vergleich zu anderen glatten FDA-Materialien große Härte und Abriebfestigkeit

Picture

Name, Colour,
Material

Hardness / Density

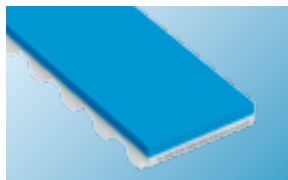
Temperature
resistance

2.5

Standard thickness s [mm]
Minimum pulley Ø [mm]

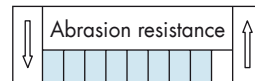
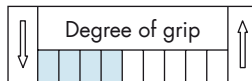
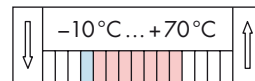
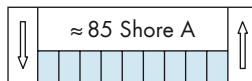
Degree of grip

Abrasion
resistance



**PU-foil blue,
polyurethane (FDA)**

s	2.0	3.0				
Ø	60	80				



PU basic material, FDA approved for the food industry; also for use in the pharmaceutical industry; compared with other smooth FDA materials strong hardness and abrasion resistance

Abbildung der Beschichtung

2.6

Bezeichnung, Farbe, Material

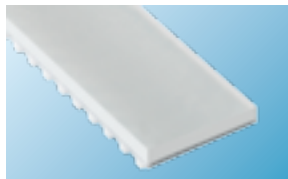
Standardstärken s [mm]
Mindestscheiben- \varnothing [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

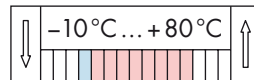
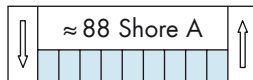
Temperaturbeständigkeit

Abriebfestigkeit



HV2-Folie, transparent, PU

s	2,0				
\varnothing	70				



Im Gegensatz zu den extrudierten PU-Folien ist diese Folie kalandriert und besitzt dadurch eine glatte, glänzende Oberfläche; beste Adhäsion der PU-Folien

Picture

Name, Colour,
Material

Hardness / Density

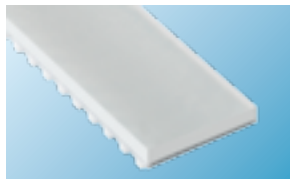
Temperature
resistance

2.6

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

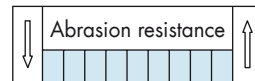
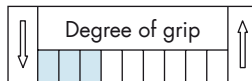
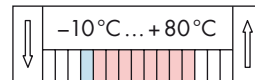
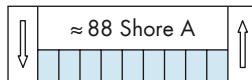
Degree of grip

Abrasion
resistance



**HV2-foil,
transparent, PU**

s	2.0				
\varnothing	70				



In contrast to extruded PU-foils this foil is calandered and thus has a smooth glossy surface; best adhesion characteristics of all PU-foils

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

Härte bzw. Dichte

Temperaturbeständigkeit

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

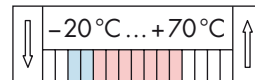
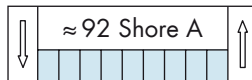
Mitnahmefähigkeit

Abriebfestigkeit



PU-Folie 92 Shore A, weiß, Polyurethan

s	2,0	3,0	4,0		
Ø	80	100	120		



Material wie Optibelt ALPHA linear/V; Anwendung wie PU-Folie 85 Shore A, jedoch mit geringerer Mitnahme und höherer Abriebfestigkeit

Ausführung verstärkter Rücken, ohne Muster: Im Gegensatz zur PU-Folie 92 Shore A ist der alternativ verstärkte Rücken Teil des Grundriemens für die Profile T5/AT5, s = 1,3 mm, T10/AT10, s = 2,5 mm; Verschweißung zu ALPHA V ohne Stoßstelle, durchgängig adhäsiv; weitere Profile, Höhen und Härten sowie Optibelt ALPHAflex auf Anfrage

Picture

Name, Colour, Material

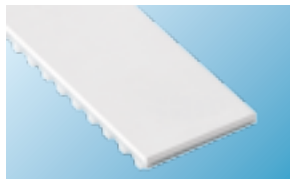
Hardness / Density

Temperature resistance

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

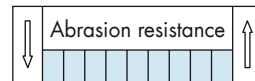
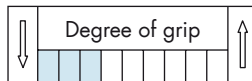
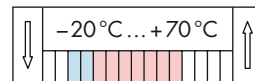
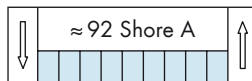
Degree of grip

Abrasion resistance



PU-foil 92 Shore A, white, polyurethane

s	2.0	3.0	4.0		
\varnothing	80	100	120		



Compound identical to Optibelt ALPHA linear/V; same application as PU-foil 85 Shore A, however reduced degree of grip and improved abrasion resistance

Abbildung der Beschichtung

2.8

Bezeichnung, Farbe, Material

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

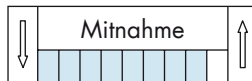
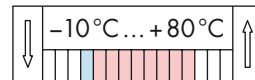
Temperaturbeständigkeit

Abriebfestigkeit



RP 400, gelb, Naturkautschuk

s	2,0	3,0	5,0	6,0	8,0	10,0
Ø	40	60	100	130	180	220



Feine Gewebestruktur; Eigenschaften ähnlich Linatex, jedoch höhere Abriebfestigkeit; Einsatz z. B. in Kabelabzugsanlagen

Picture

Name, Colour,
Material

Hardness / Density

Temperature
resistance

2.8

Standard thickness s [mm]
Minimum pulley Ø [mm]

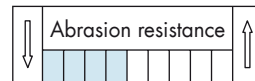
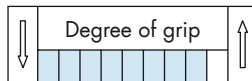
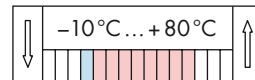
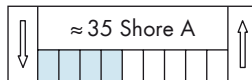
Degree of grip

Abrasion
resistance



**RP 400, yellow,
natural rubber**

s	2.0	3.0	5.0	6.0	8.0	10.0
Ø	40	60	100	130	180	220



Fine fabric structure; characteristics similar to Linatex, however higher abrasion resistance; use e.g. in cable pulling systems

Abbildung der Beschichtung

2.9

Bezeichnung, Farbe, Material

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

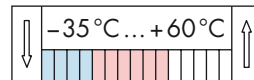
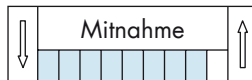
Temperaturbeständigkeit

Abriebfestigkeit



Correx beige, Naturkautschuk

s	4,0	6,0	10,0			
Ø	80	130	220			



Universell einsetzbar; Eigenschaften ähnlich Linatex; Kontaktschichten zur Verklebung sind an der geschärften Stoßstelle sichtbar; z. B. Transport von Aluminiumprofilen

Picture

Name, Colour, Material

Hardness / Density

Temperature resistance

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

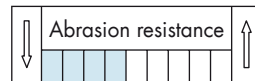
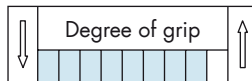
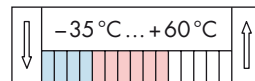
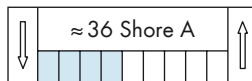
Degree of grip

Abrasion resistance



Correx beige, natural rubber

s	4.0	6.0	10.0			
\varnothing	80	130	220			



Universally applicable; characteristics similar to Linatex; layers of adhesives may be visible in the shafted joints area; e.g. for the conveyance of aluminium profiles

Abbildung der Beschichtung

2.10

Bezeichnung, Farbe, Material

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Temperaturbeständigkeit

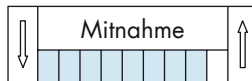
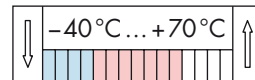
Mitnahmefähigkeit

Abriebfestigkeit



Linatex, rot, Naturkautschuk

s	1,5	2,4	3,2	5,0	6,4	8,0
Ø	30	50	65	100	140	180



Sehr weit verbreitet; vielfältig einsetzbar; nochmals verbesserte Mitnahme durch optional aufgeraute, geschliffene Oberfläche; bei Feuchtigkeit im Vergleich höchster Reibbeiwert; konstante Mitnahmeeigenschaften durch Abrieb der Oberfläche möglich; Einsatz z. B. als Abzugsriemen und in Vakuumanwendung oder Transport von feuchtem Flachglas

Picture

Name, Colour,
Material

Hardness / Density

Temperature
resistance

2.10

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

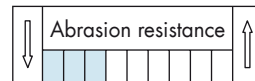
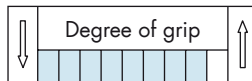
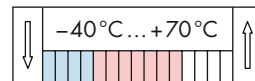
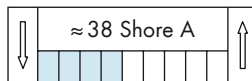
Degree of grip

Abrasion
resistance



**Linatex, red,
natural rubber**

s	1.5	2.4	3.2	5.0	6.4	8.0
\varnothing	30	50	65	100	140	180



Very common/widely-used; universally applicable, further improved degree of grip possible due to optionally ground surface; under moist conditions best coefficient of friction; applications e.g. as discharger belts, for use in vacuum or for the conveyance of wet flat glass

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

Härte bzw. Dichte

Temperaturbeständigkeit

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

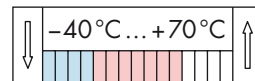
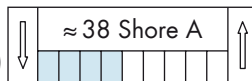
Mitnahmefähigkeit

Abriebfestigkeit



Linaplus FGL, weiß, Naturkautschuk (FDA)

s	2,0	3,0	6,0		
Ø	50	65	130		



FDA-Zulassung für Lebensmittelkontakt; Transport von z. B. feuchten und/oder druckempfindlichen Lebensmitteln

Picture

Name, Colour,
Material

Hardness / Density

Temperature
resistance

Standard thickness s [mm]
Minimum pulley Ø [mm]

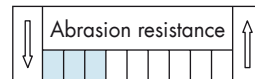
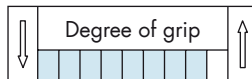
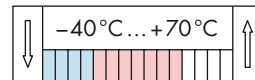
Degree of grip

Abrasion
resistance



**Linaplus FGL, white,
natural rubber (FDA)**

s	2.0	3.0	6.0			
Ø	50	65	130			



FDA approved for direct contact with food; conveyance of e.g. wet and/or pressure-sensitive food

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

Härte bzw. Dichte

Temperaturbeständigkeit

2.12

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

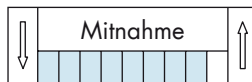
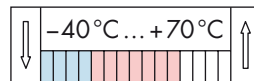
Mitnahmefähigkeit

Abriebfestigkeit



NG rot, Naturkautschuk

s	1,6	2,0	3,0	5,0	6,0	8,0
Ø	30	40	60	100	140	180



NG = Naturgummi; feine Gewebestruktur; preisgünstiger Verschleißschutz mit geringerer Mitnahme bei Feuchtigkeit und Nässe und nochmals schlechtere Bearbeitbarkeit im Vergleich zu Linatex

Picture

Name, Colour,
Material

Hardness / Density

Temperature
resistance

Standard thickness s [mm]
Minimum pulley Ø [mm]

Degree of grip

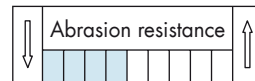
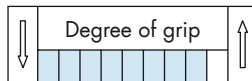
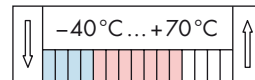
Abrasion
resistance

2.12



**NG red,
natural rubber**

s	1.6	2.0	3.0	5.0	6.0	8.0
Ø	30	40	60	100	140	180



Fine fabric structure; low-priced wear protection with less degree of grip under moist and wet conditions

Abbildung der Beschichtung

2.13

Bezeichnung, Farbe, Material

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

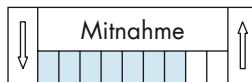
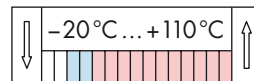
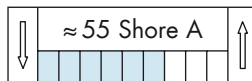
Temperaturbeständigkeit

Abriebfestigkeit



Linatril, orange, Polymer NBR

s	3,0	6,0	10,0			
Ø	65	140	220			



NBR: Nitril Butadiene Rubber; verbesserte Temperatur-, Öl-, Fett- und Alterungsbeständigkeit jeweils im Vergleich zu Naturkautschuk; vergleichsweise gute mechanische Bearbeitbarkeit; z. B. Vakuumtransport von ölbenetzten Blechen

Picture

Name, Colour,
Material

Hardness / Density

Temperature
resistance

2.13

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

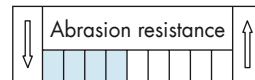
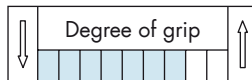
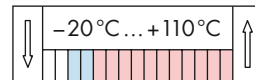
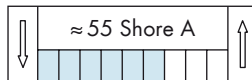
Degree of grip

Abrasion
resistance



**Linatril, orange,
Polymer NBR**

s	3.0	6.0	10.0			
\varnothing	65	140	220			



NBR: Nitrile Butadiene Rubber; improved temperature, oil, grease and aging resistance compared with natural rubber; comparatively good mechanical processability; e.g. for vacuum conveyance of oil-moistened metal sheets

Abbildung der Beschichtung

2.14

Bezeichnung, Farbe, Material

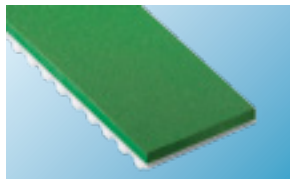
Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

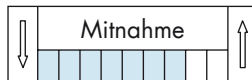
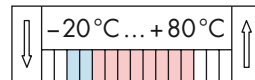
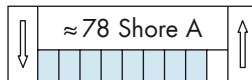
Temperaturbeständigkeit

Abriebfestigkeit



Elastomer grün, Gummi

s	2,0				
Ø	60				



Feine Gewebestruktur; hohe Schnitffestigkeit; Transport z.B. von unbeschichtetem Holz, scharfkantigen Kartonagen oder leichten, scharfkantigen Steinen

Picture

Name, Colour,
Material

Hardness / Density

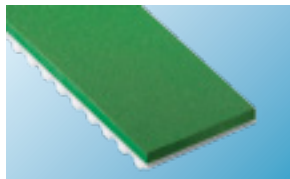
Temperature
resistance

2.14

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

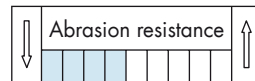
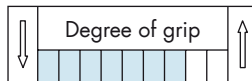
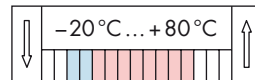
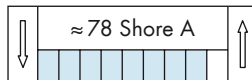
Degree of grip

Abrasion
resistance



**Elastomer green,
rubber**

s	2.0				
\varnothing	60				



Fine fabric structure; high cut resistance; for the conveyance of e. g. uncoated wood, sharp-edged cardboard packaging or light, sharp-edged stones

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

Härte bzw. Dichte

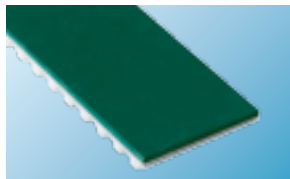
Temperaturbeständigkeit

2.15

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

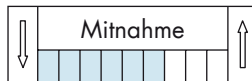
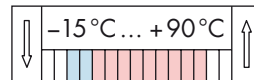
Mitnahmefähigkeit

Abriebfestigkeit



PVC-Folie petrol, Polyvinylchlorid

s	1,0				
Ø	30				



Durch sehr glatte Oberfläche bei Staubfreiheit gute Adhäsion z. B. zu Papier und Folien; Holz- und Kunststofftransport; Verpackungsindustrie; Abzugsbänder mit mittlerer Belastung

Picture

Name, Colour,
Material

Hardness / Density

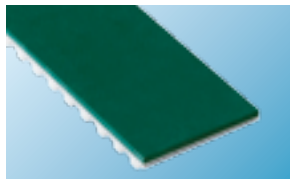
Temperature
resistance

2.15

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

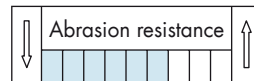
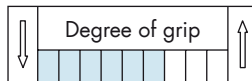
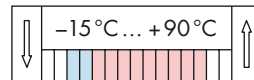
Degree of grip

Abrasion
resistance



**PVC-foil petrol blue,
polyvinyl chloride**

s 1.0 | | | | |
 \varnothing 30 | | | | |



Due to its very smooth surface good adhesion characteristics, e.g. for the conveyance of paper and foils; conveyance of wood and plastics; packaging industry; discharge belts with medium load

Abbildung der Beschichtung

2.16

Bezeichnung, Farbe, Material

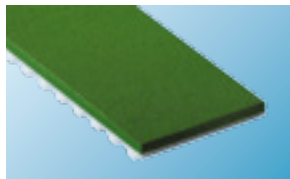
Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

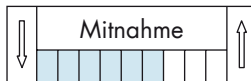
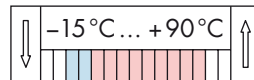
Temperaturbeständigkeit

Abriebfestigkeit



PVC-Folie grün, Polyvinylchlorid

s	2,0				
Ø	60				



Eigenschaften und Einsatzgebiete wie PVC-Folie petrol, jedoch leicht öl- und fettbeständiger

Picture

Name, Colour,
Material

Hardness / Density

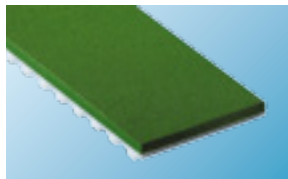
Temperature
resistance

2.16

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

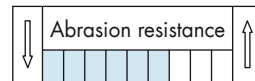
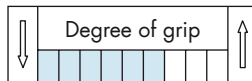
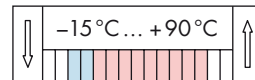
Degree of grip

Abrasion
resistance



**PVC-foil green,
polyvinyl chloride**

s	2.0				
\varnothing	60				



Characteristics and application areas same as PVC-foil petrol blue, however slightly more oil and grease resistant

Abbildung der Beschichtung

2.17

Bezeichnung, Farbe, Material

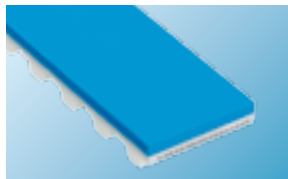
Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

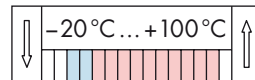
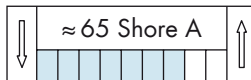
Temperaturbeständigkeit

Abriebfestigkeit



PVC-Folie blau, PVC (FDA)

s	3,0				
Ø	80				



FDA-Zulassung für Lebensmittelkontakt; mittlere Transportgewichte; Weiteres analog PVC-Folie, petrol

Picture

Name, Colour,
Material

Hardness / Density

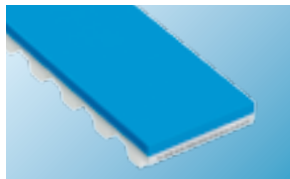
Temperature
resistance

2.17

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

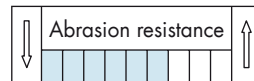
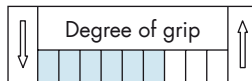
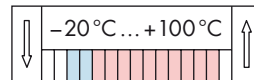
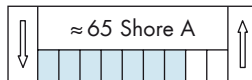
Degree of grip

Abrasion
resistance



**PVC-foil blue,
PVC (FDA)**

s	3.0				
\varnothing	80				



FDA approved for direct contact with food; medium conveyance loads; further characteristics same as PVC-foil petrol blue

Abbildung der Beschichtung

2.18

Bezeichnung, Farbe, Material

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

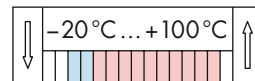
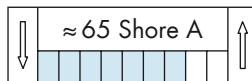
Temperaturbeständigkeit

Abriebfestigkeit



PVC-Folie weiß, PVC (FDA)

s	2,0	3,0				
Ø	60	80				



FDA-Zulassung für Lebensmittelkontakt; mittlere Transportgewichte; Weiteres analog PVC-Folie, petrol

Picture

Name, Colour,
Material

Hardness / Density

Temperature
resistance

2.18

Standard thickness s [mm]
Minimum pulley Ø [mm]

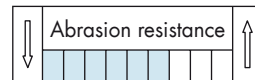
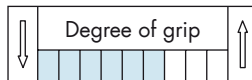
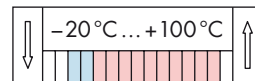
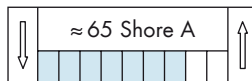
Degree of grip

Abrasion
resistance



**PVC-foil white,
PVC (FDA)**

s	2.0	3.0				
Ø	60	80				



FDA approved for direct contact with food; medium conveyance loads; further characteristics same as PVC-foil petrol blue

Abbildung der Beschichtung

2.19

Bezeichnung, Farbe, Material

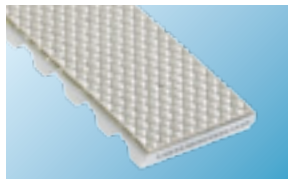
Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

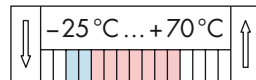
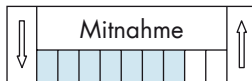
Temperaturbeständigkeit

Abriebfestigkeit



PVC Pepita, grau, PVC

s	1,0				
Ø	30				



Leicht strukturiert; Transport leichter Güter, z. B. von Postsendungen

Picture

Name, Colour,
Material

Hardness / Density

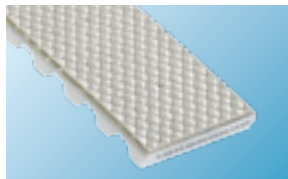
Temperature
resistance

2.19

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

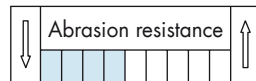
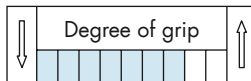
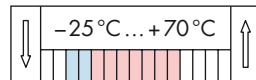
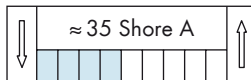
Degree of grip

Abrasion
resistance



**PVC Pepita,
grey, PVC**

s	1.0				
\varnothing	30				



Slightly structured; conveyance of light goods, e. g. for postal applications

Abbildung der Beschichtung

2.20

Bezeichnung, Farbe, Material

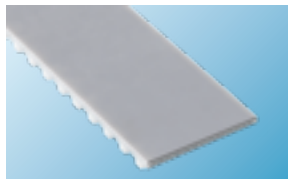
Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Temperaturbeständigkeit

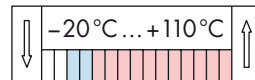
Mitnahmefähigkeit

Abriebfestigkeit



PTFE, grau, Polytetrafluorethylen

s	0,3				
Ø	200				



Antihaftend, z. B. für Bauteile mit frischem Kleber an der Oberfläche; hohe Temperatur- und Ölbeständigkeit für warmes Transportgut; niedrigere Temperaturbeständigkeit des Grundriemens und des Klebers erlaubt keine Durchwärmung: kurzzeitigen Kontakt und Abkühlphase planen; sehr niedrige Mitnahmefähigkeit; empfindliche Oberfläche, daher Relativbewegungen vermeiden; die offene Stoßstelle begrenzt den Mindestscheibendurchmesser

Picture

Name, Colour,
Material

Hardness / Density

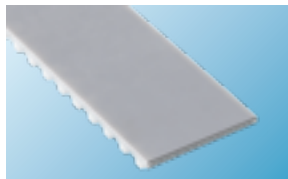
Temperature
resistance

2.20

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

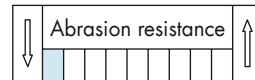
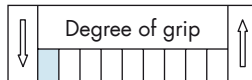
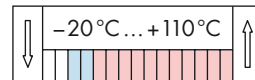
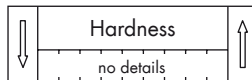
Degree of grip

Abrasion
resistance



**PTFE, grey, poly-
tetrafluorethylene**

s 0.3 | | | | |
 \varnothing 200 | | | | |



Non-adhesive, e.g. for parts with fresh glue on the surface; high temperature and oil resistance; for heated conveyed goods; lower temperature resistance of the basic belt and the adhesive does not allow higher temperature: beware of short contact and cooling periods; very low degree of grip; sensitive surface, therefore relative motions have to be avoided; the open joint increases the minimum pulley diameter

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

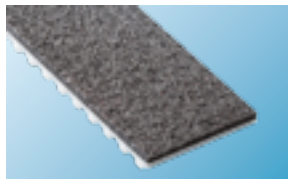
Härte bzw. Dichte

Temperaturbeständigkeit

Standardstärken s [mm]
Mindestscheiben- \varnothing [mm]

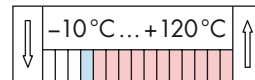
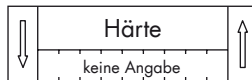
Mitnahmefähigkeit

Abriebfestigkeit



**TT60, grau,
Polyesterfaser**

s	2,0				
\varnothing	120				



Antistatische Eigenschaften für elektronische Bauteile; hohe Temperaturbeständigkeit für warmes Transportgut; niedrigere Temperaturbeständigkeit des Grundriemens und des Klebers erlaubt keine Durchwärmung; kurzzeitigen Kontakt und Abkühlphase planen

Picture

Name, Colour,
Material

Hardness / Density

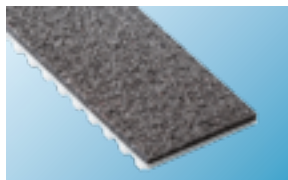
Temperature
resistance

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

Degree of grip

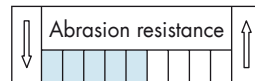
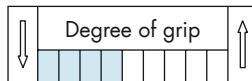
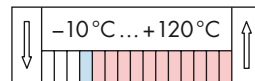
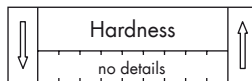
Abrasion
resistance

2.21



**TT60, grey,
polyester fibre**

s	2.0				
\varnothing	120				



Antistatic characteristics for electronic parts; high temperature resistance for the conveyance of heated goods; lower temperature resistance of the basic belt and the adhesive does not allow higher temperature: beware of short contact and cooling periods

Abbildung der Beschichtung

2.22

Bezeichnung, Farbe, Material

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Temperaturbeständigkeit

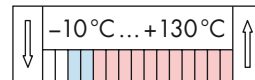
Mitnahmefähigkeit

Abriebfestigkeit



Paraflies, beige, Polyesterfaser

s	2,0				
Ø	120				



Transport von polierten Oberflächen; hohe Temperaturbeständigkeit für warmes Transportgut; niedrigere Temperaturbeständigkeit des Grundriemens und des Klebers erlaubt keine Durchwärmung: kurzzeitigen Kontakt und Abkühlphase planen

Picture

Name, Colour,
Material

Hardness / Density

Temperature
resistance

2.22

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

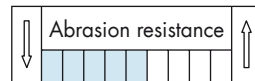
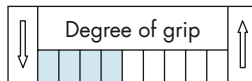
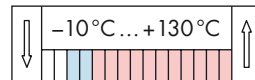
Degree of grip

Abrasion
resistance



**Para fleece, beige,
polyester fibre**

s 2.0 | | | | |
 \varnothing 120 | | | | |



Conveyance of polished surfaces; high temperature resistance for the conveyance of heated goods; lower temperature resistance of the basic belt and the adhesive does not allow higher temperature: beware of short contact and cooling periods

Abbildung der Beschichtung

2.23

Bezeichnung, Farbe, Material

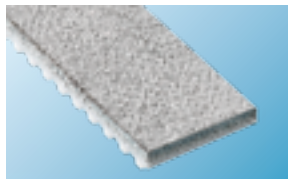
Standardstärken s [mm]
Mindestscheiben- \varnothing [mm]

Härte bzw. Dichte

Temperaturbeständigkeit

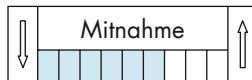
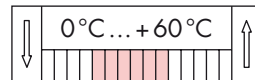
Mitnahmefähigkeit

Abriebfestigkeit



Chromleder, grau, Naturleder

s	2,0	3,0				
\varnothing	80	100				



Aufgeraute, dadurch weiche Oberfläche; gute Schnittfestigkeit, hohe Öl- und Fettbeständigkeit, auch dabei gute Mitnahme; für z. B. scharfkantige, geölte oder gefettete Teile

Picture

Name, Colour,
Material

Hardness / Density

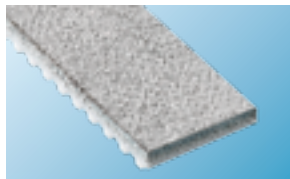
Temperature
resistance

2.23

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

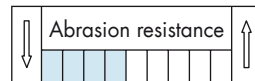
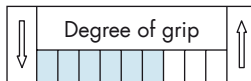
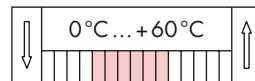
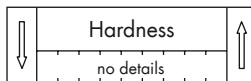
Degree of grip

Abrasion
resistance



**Chrome leather,
grey,
natural leather**

s	2.0	3.0			
\varnothing	80	100			



Roughened, thus soft surface; good cutting resistance, high oil and grease resistance, also good degree of grip characteristics; e.g. for sharp-edged, oiled or greased parts

Abbildung der Beschichtung

2.24

Bezeichnung, Farbe, Material

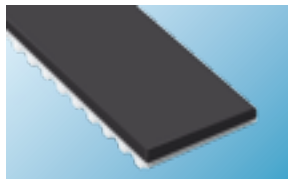
Standardstärken s [mm]
Mindestscheiben-Ø [mm]

Härte bzw. Dichte

Mitnahmefähigkeit

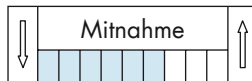
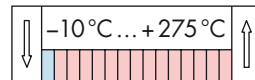
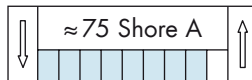
Temperaturbeständigkeit

Abriebfestigkeit



Viton, schwarz, Fluor-Kautschuk

s	2,0	3,0			
Ø	80	100			



Sehr hohe Temperatur- und Ölbeständigkeit für warmes Transportgut; z. B. Einsatz in der Solarzellenherstellung; niedrigere Temperaturbeständigkeit des Grundriemens und des Klebers erlaubt keine Durchwärmung: kurzzeitigen Kontakt und Abkühlphase planen

Picture

Name, Colour,
Material

Hardness / Density

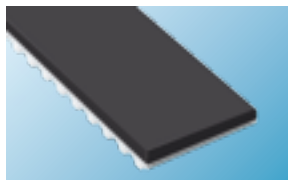
Temperature
resistance

2.24

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

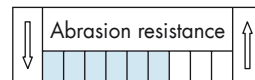
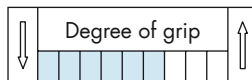
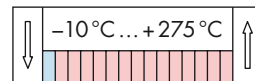
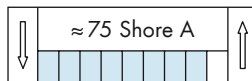
Degree of grip

Abrasion
resistance



**Viton, black,
fluororubber**

s	2.0	3.0				
\varnothing	80	100				



Extremely high temperature and oil resistance for the conveyance of heated goods; e. g. applications in solar cell production; lower temperature resistance of the basic belt and the adhesive does not allow higher temperature: beware of short contact and cooling periods

Abbildung der Beschichtung

Bezeichnung, Farbe, Material

Härte bzw. Dichte

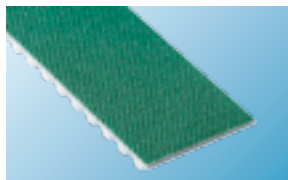
Temperaturbeständigkeit

2.25

Standardstärken s [mm]
Mindestscheiben-Ø [mm]

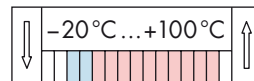
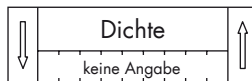
Mitnahmefähigkeit

Abriebfestigkeit



PA-Gewebe, grün, Polyamid

s	-*	0,5**			
Ø	-*	25**			



* PAR und/oder PAZ werden bei der Fertigung der Grundriemen direkt mit aufgebracht; das PA-Gewebe liegt dadurch innerhalb der Riemenkontur und baut somit weder zahn- noch rückenseitig auf; es gelten die je Profil angegebenen Mindestscheibendurchmesser.

PAZ: zahnseitig bei Transportriemen mit Stützschiene sowie Abzugsbändern mit Andruckschiene; Polyethylen-Stützschiene werden dabei nur für geringe und mittlere Lasten empfohlen; bei höheren Lasten wird Stahl empfohlen.

PAR: rückenseitig bei Stauförderern; bei Relativbewegung: geeignet für glatte Transportgutoberflächen; weniger geeignet für strukturierte bzw. profilierte Transportgutoberflächen

** PAR nachträglich: bei Bedarf nachträgliches Aufbringen möglich. Die Öl-, Fett- und allgemeine Chemikalienbeständigkeit entspricht ungefähr dem des thermo-plastischen Grundmaterials

Picture

Name, Colour,
Material

Hardness / Density

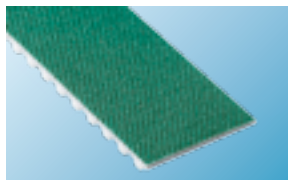
Temperature
resistance

2.25

Standard thickness s [mm]
Minimum pulley \varnothing [mm]

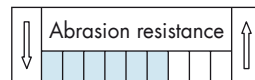
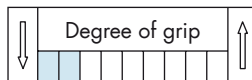
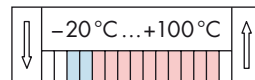
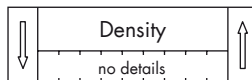
Degree of grip

Abrasion
resistance



**PA fabric, green,
polyamide**

s	-*	0.5**			
\varnothing	-*	25**			



* PAR and/or PAZ are applied directly on the basic belt during production, thus, the PA fabric lies within the belt outline and thus does not add to the toothed surface or belt top surface; the minimum pulley diameters given for each profile apply.

PAZ: on the toothed surface, for conveyor belts with support rail as well as discharge belts with form guide rail; polyethylene support rails are recommended only for medium loads; for high loads steel rails are recommended.

PAR: on the belt top surface, for accumulating conveyors; with relative motion: suitable for goods with a smooth surface; less suitable for structured or profiled surfaces

** PA fabric: can be applied in a secondary process if required. The oil, grease and general chemical resistance are almost the same as those of the thermo-plastic basic material.