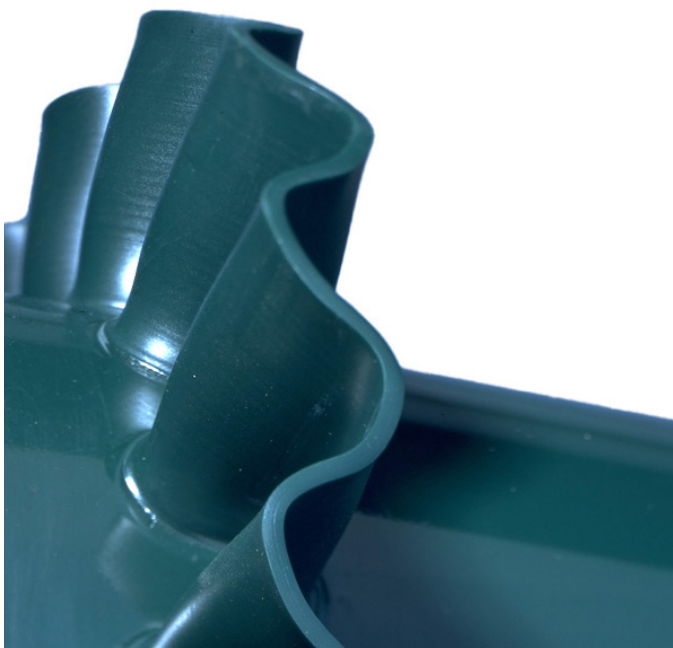
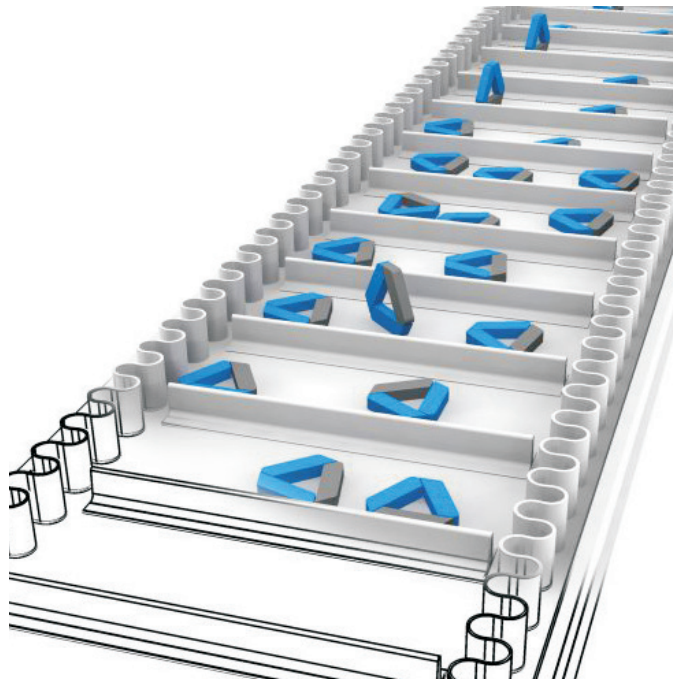
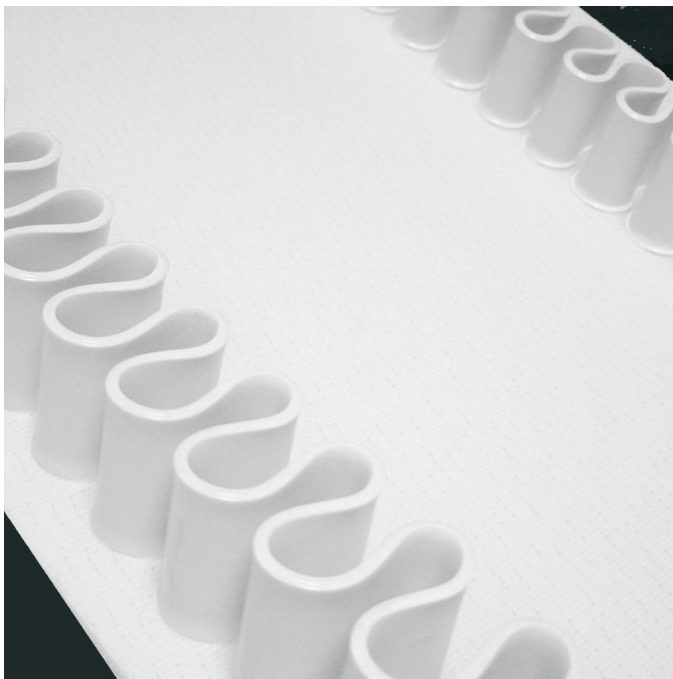


Standard Accessories



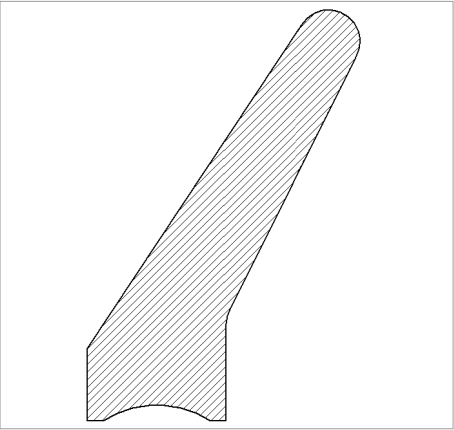
Cleats

General Information

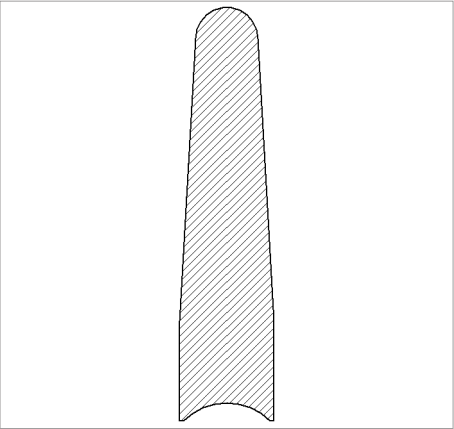
- Application Cleats are applied to belts to increase conveying capacity and to move product(s) up an incline. It can be used in conjunction with conveyor side guides or belt sidewalls to prevent spillage.
- Main Feature Cleats retain flexibility of the belt as they are applied in lateral direction.
Food grade cleats are available in Ivory, Light blue and White colour.
- Belt Support For a belt with cleats on the top side special arrangements on return part of the conveyor are required.

Technical Data PVC Footless Cleats

Material	Shore Hardness	Execution			Height						Colour									
		Solid	90° Angle	60° Angle	20 mm	30 mm	40 mm	50 mm	60 mm	75 mm	100 mm	Transparent	Ivory	White	Light Blue	Black	Petrol	Green	Grey	Dark Green
Flexam PVC	60 A	●	●		●	●	●	●	●	●	●					●	●	●		●
Flexam PVC	60 A			●		●	●	●	●	●	●					●	●	●		●
Nonex PVC	60 A	●	●		●	●	●	●	●	●	●			●	●					
Nonex PVC	60 A			●		●	●	●	●	●	●			●	●					



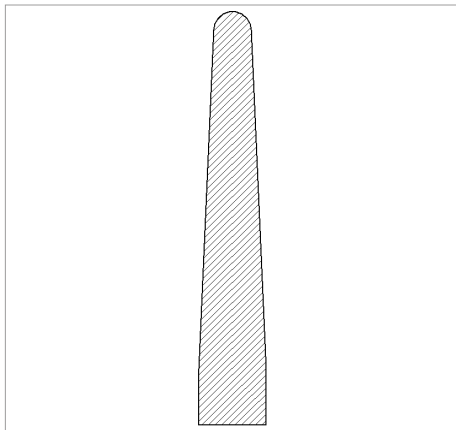
Drawing and picture of 60° footless PVC cleat



Drawing and picture of 90° footless PVC cleat

Technical Data TPU and TPE-E Footless Cleats

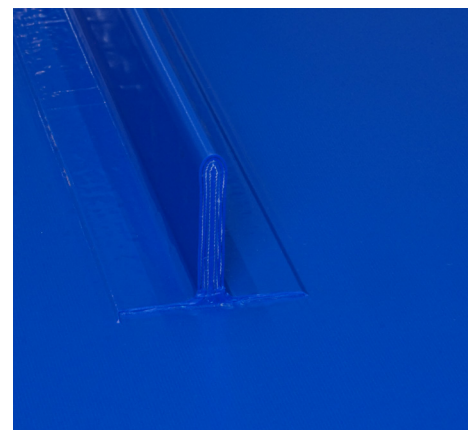
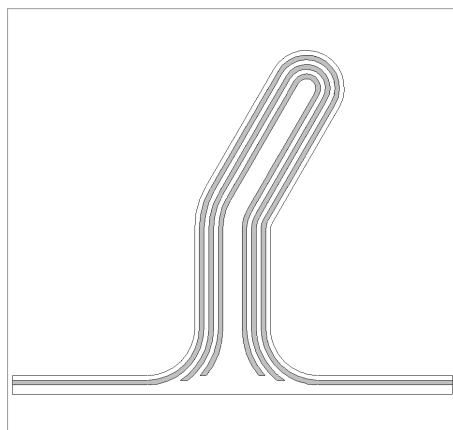
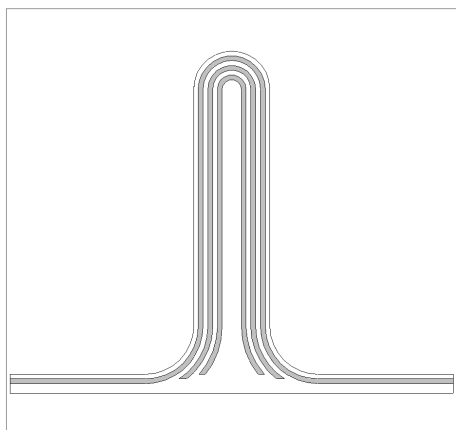
Material	Shore Hardness	Execution			Height				Colour									
		Solid	90° Angle	75° Angle	22 mm	37 mm	53 mm	79 mm	Trasparent	Ivory	White	Light Blue	Black	Petrol	Green	Grey	Dark Green	Dark Blue
Ropanyl TPU	85 A	●	●	●	●	●	●	●			●	●		●			●	
Amtel TPE-E	40 D	●	●	●	●	●	●	●		●	●	●	●		●		●	
Dectyl TPU	85 A	●	●	●	●	●	●	●										●



Drawing and picture of a TPU cleat

Technical Data 6 ply Reinforced PVC Cleats (with foot)

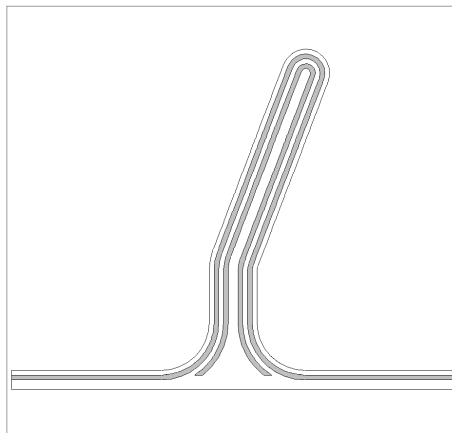
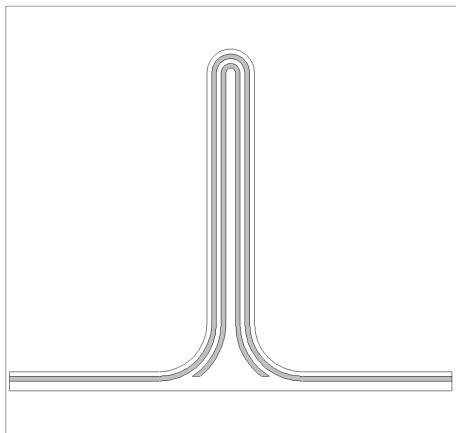
Material	Shore Hardness	Execution			Height							Colour						
		Reinforced	90° Angle	90°/60° Angle	20 mm	30 mm	40 mm	50 mm	60 mm	75 mm	100 mm	Trasparent	Ivory	White	Light Blue	Black	Petrol	Green
Flexam PVC	60 A	●	●		●	●	●	●	●	●	●							●
Flexam PVC	60 A	●		●			●	●	●	●	●							●
Nonex PVC	60 A	●	●		●	●	●	●	●	●	●			●	●			
Nonex PVC	60 A	●		●			●	●	●	●	●			●	●			



Drawings of 90° and 90°/60° 6 ply reinforced cleats with foot

Technical Data 4 ply Reinforced PVC Cleats (with foot)

Material	Shore Hardness	Execution			Height							Colour								
		Reinforced	90° Angle	90°/60° Angle	20 mm	30 mm	40 mm	50 mm	60 mm	75 mm	100 mm	Trasparent	Ivory	White	Light Blue	Black	Petrol	Green	Grey	Dark Green
Flexam PVC	60 A	●	●		●	●	●	●	●									●		
Flexam PVC	60 A	●		●			●	●	●									●		
Nonex PVC	60 A	●	●		●	●	●	●	●					●	●					
Nonex PVC	60 A	●		●			●	●	●					●	●					
Amtel TPE-E	90 A	●	●		●	●	●	●	●	●	●		●							
Amtel TPE-E	90 A	●		●			●	●	●	●			●							



Drawings of 90° and 90°/60° 4 ply reinforced cleats with foot

Pulley Diameters

	PVC	TPU	TPE-E
Solid footless cleat	Minimum 1.1 x cleat height	Minimum 1.1 x cleat height	Minimum 1.1 x cleat height
Solid cleat with foot	Minimum 2.5 x cleat height	Minimum 2.5 x cleat height	N/A
Reinforced cleat with foot	Minimum 100mm	N/A	N/A

Notes:

Pulley diameters quoted only useable if exceeding minimum pulley diameter of base belt.

Cleat with foot data given for reference only.

Dimensions quotes are based on temperatures of 20°C.

Additional Information

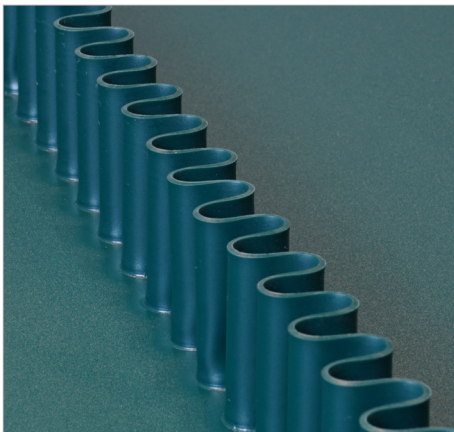
- Welding Cleats are heat welded to the top cover of thermoplastic belts, normally using HF welding
- Materials All materials to be welded together must be chemically compatible
- Minimum top cover thickness
 - Solid cleats on PVC belts 0,4 mm for cleats <50 mm height and 0,7 mm for cleats > 50 height
 - Reinforced cleats on PVC belts 0,7 mm
 - Reinforced cleats on TPE-E belts 0,4 mm
 - Solid cleats on TPU belts 0,2 mm
 - Solid cleats on TPE-E belts 0,4 mm
- Height of angle Change on 90° / 60° Reinforced Cleats is variable according to cleat height; check drawings for more details
- Top cover thickness requirements There are minimum requirements; wherever possible use thicker covers to increase visual quality

Note: individual belt top cover construction may affect minimum thickness requirements.

BORDOFLEX

General Information

- **Application** Bordoflex or side walls are used to prevent spillage of product from the belt edges. They can be combined with cleats to increase capacity of conveying load and are applied on top side of the belt.
- **Main Feature** Bordoflex are applied in longitudinal direction on to the belt but due to their form they retain flexibility of the belt. Food grade Bordoflex are available in Ivory, Light blue and White colour. They are available in solid and reinforced forms to suit application demands (reinforced is more rigid and tear resistant).
- **Belt Support** For a belt with Bordoflex on the top side special arrangements on return part of the conveyor are required.



Short wave Bordoflex in dark green



Reinforced Bordoflex in light blue

Technical Data Bordoflex

Material	Shore Hardness	Execution		Thickness					Height			Colour									
		Solid	Reinforced	1.5 mm	1.7 mm	2.0 mm	3.8 mm	5.0 mm	Min 20 mm	Max 55 mm	Max 100 mm	Transparent	Ivory	White	Light Blue	Black	Petrol	Green	Grey	Dark Green	Dark Blue
Flexam PVC	60A	•				•			•	•							•	•			
Nonex PVC	60A	•				•			•	•				•	•						
Nonex PVC	65A	•						•	•		•			•	•			•			
Nonex PVC	55A		•				•	•	•		•			•	•			•			
Ropanyl TPU	85A	•			•				•	•				•	•		•			•	
Amtel TPE-E	40D	•		•					•	•			•		•						
Dectyl TPU	85A	•			•				•	•											•

Pulley Diameters

All Bordoflex in all materials	Minimum 3 x Bordoflex height
--------------------------------	------------------------------

Notes:

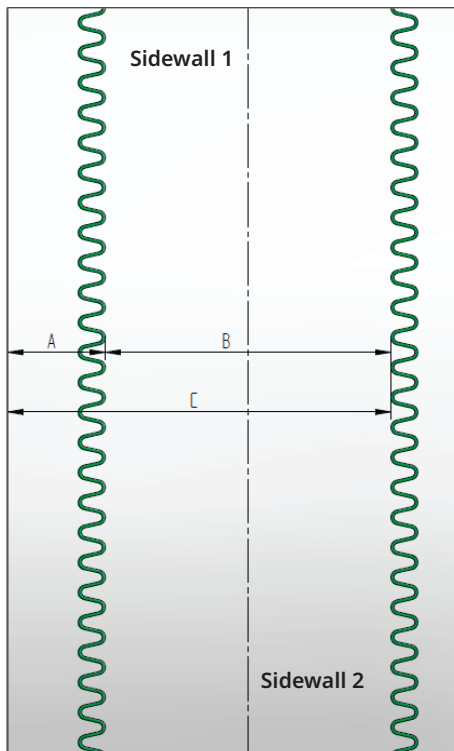
Pulley diameters quoted only useable if exceeding minimum pulley diameter of base belt.

Dimensions quotes are based on temperatures of 20°C.

Additional Information

- Welding Bordoflex is heat welded to the top cover of thermoplastic belts, normally using HF welding
- Materials All materials to be welded together must be chemically compatible
- Minimum top cover thickness
 - 2.0 mm thick Bordoflex on PVC belts 0,4 mm
 - 3.8 mm and 5.0 mm thick Bordoflex on PVC belts 0,7 mm
 - Bordoflex on TPU belts 0,2 mm
 - Bordoflex on TPE-E belts 0,4 mm
- Top cover thickness requirements There are minimum requirements. Wherever possible use thicker covers to increase visual quality

Note: individual top cover construction may affect minimum thickness requirements.



Bordoflex Dimensions

A = Distance from edge of belt to inside edge of sidewall 1

B = Inside edges distance

C = Distance from edge of belt to inside edge of sidewall 2

Short wave pattern 22 mm wave width (25 mm with hot air welding process) and 25 mm wave pitch

Normal wave pattern 45mm wave width and 50 mm wave pitch

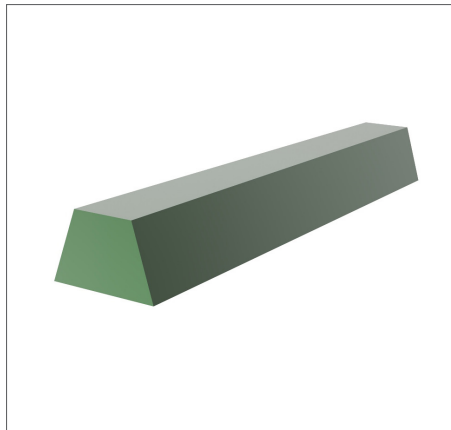
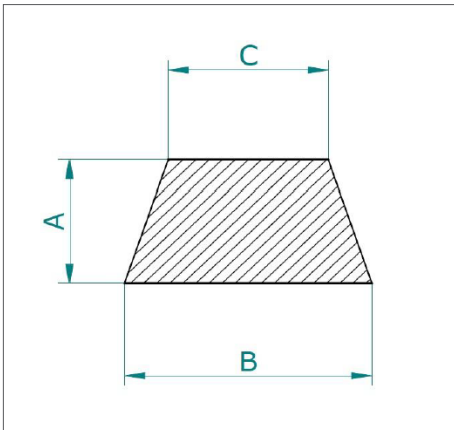
ROPES

General Information

- **Application** Ropes are usually applied on bottom side of the belts to assist in and improve tracking, where other arrangements are not sufficient for e.g. side loading, uneven loading, square belts etc. Ropes can also be applied on top side of the belts as a cleat or sidewall to maintain capacity and to prevent spillage or to divide a flow of goods.
- **Main Feature** Food grade types are available in Ivory, Light blue and White colour.
- **Belt Support** For a belt with Ropes on the top and/or bottom side special arrangements on conveyor are required.

Technical Data Vee Ropes

Material	Shore Hardness	Execution			Dimensions (A x B)							Colour										
		Solid / Smooth *	Reinforced	Notched	Profiled	06 x 04	08 x 05	10 x 06	13 x 08	17 x 11	22 x 14	30 x 16	Trasparent	Ivory	White	Light Blue	Black	Petrol	Green	Grey	Dark Green	Dark Blue
Flexam PVC	60A	●		●		●	●	●	●	●	●	●					●	●	●			●
Nonex PVC	60A	●		●		●	●	●	●	●	●	●			●	●						
Ropanyl TPU	85A	●		●		●	●	●	●	●					●	●	●					●
Amtel TPE-E	40D	●						●	●	●				●		●						
Dectyl TPU	85A	●		●		●	●	●	●	●												●

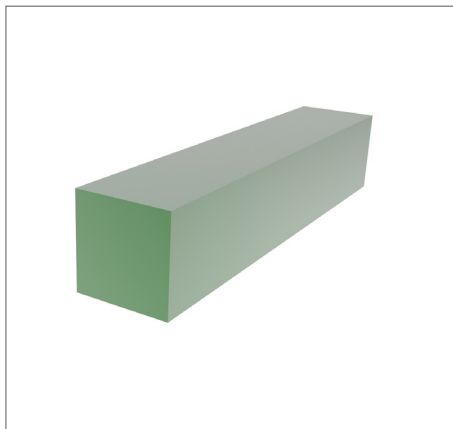
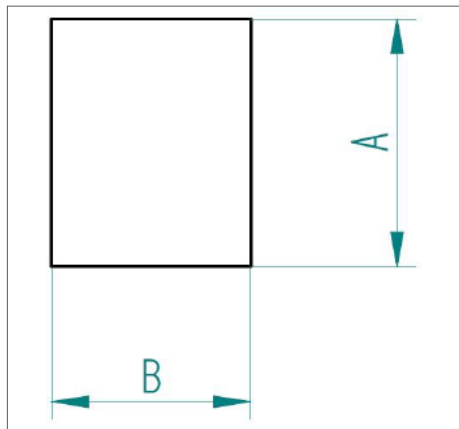


Drawing and pictures of Vee Ropes

Note: for further details on notching dimensions please check the detail drawing of the vee ropes.

Technical Data Rectangular Ropes

Material	Shore Hardness	Execution			Dimensions (A x B)							Colour									
		Solid / Smooth *	Reinforced	Notched	Profiled	10 x 10	15 x 15	20 x 15	20 x 20	20 x 30	25 x 15	30 x 15	Trasparent	Ivory	White	Light Blue	Black	Petrol	Green	Grey	Dark Green
Flexam PVC	60A	●				●	●	●	●	●	●	●						●	●		●
Nonex PVC	60A	●				●	●	●			●	●			●	●					



Drawing and schematic of Rectangular Ropes

Pulley Diameters

	PVC	TPU	TPE-E
Vee and Rectangular ropes	10 x H	12 x H	12 x H
Notched Vee ropes	8 x H	8 x H	N/A

Notes:

H = Rope Height.

Figures indicate requirement when fitting to underside of belt only.

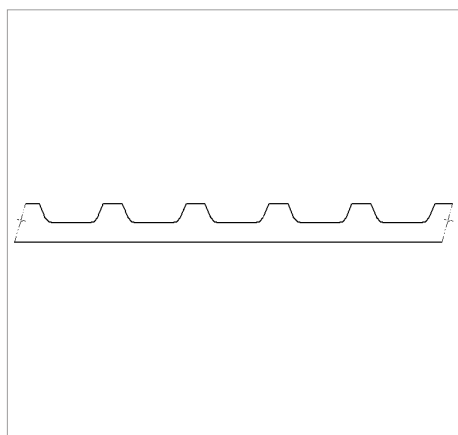
When fitting solid ropes on topside of belt use double quoted figures.

Never fit notched ropes to top side of belt. Notching will cause rope fractures.

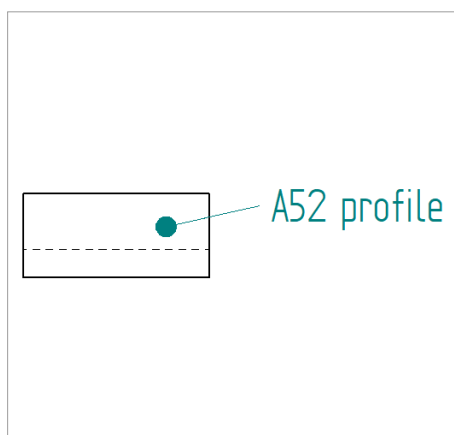
Dimensions quotes are based on temperatures of 20°C.

Technical Data Guide strips

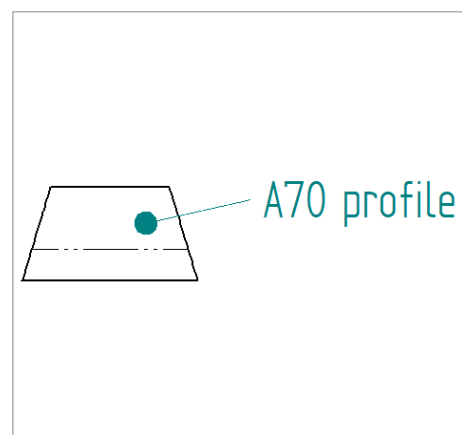
Material	Shore Hardness	Execution					Colour									
		Solid / Smooth *	Reinforced	Notched	Profiled	Thickness	Trasparent	Ivory	White	Light Blue	Black	Petrol	Green	Grey	Dark Green	Dark Blue
Flexam PVC	60A		●		A11	5.0			●	●			●	●		
Nonex PVC	60A	●			A11	3.5			●					●		
Ropanyl TPU	85A	●			A11	5.0			●							
Amtel TPE-E	40D	●			A11	5.0		●								
Amtel TPE-E	40D	●			A11	6.0		●								
Amtel TPE-E	40D	●			A52	9.0		●								
Amtel TPE-E	40D	●			A70	9.0		●								



Schematic of A11 Profile Strip



Schematic of A52 Profile Strip



Schematic of A70 Profile Strip

Technical Data Amseal ropes

Material	Shore Hardness	Execution			Colour									
		Solid / Smooth *	Reinforced	13.75 X 5.75	Trasparent	Ivory	White	Light Blue	Black	Petrol	Green	Grey	Dark Green	Dark Blue
Flexam PVC	65A	●		●					●	●	●		●	
Nonex PVC	55A	●		●			●	●						
Ropanyl TPU	93A	●		●			●	●	●	●			●	
Amtel TPE-E	40D	●		●		●	●	●	●					
Peflex EVA	92A	●		●	●									
Peflex PE	92A	●		●	●									
Dectyl TPU	85A	●		●										●

* Solid and smooth are same executions. The description solid is standard description. Smooth as description is used in some entities.

Pulley Diameters

	PVC	TPU	TPE-E	EVA	PE
Guide Strips	10 x H	10 x H	10 x H	N/A	N/A
Amseal	1 x MB	1 x MB	1 x MB	1 x MB	1 x MB

Notes:

H = Rope Height.

MB = Minimum Belt pulley diameter.

Figures for fitting of guide strips are valid for fitting to top and bottom of belt.

Dimensions quotes are based on temperatures of 20°C.

Amseal pulley diameters based on Amseal at same thickness as belt.

Temperature Range for All Accessories in this Document

Material	Temperature
Flexam PVC	-20°C to +90°C
Nonex PVC	-10°C to +110°C
Ropanyl TPU	-30°C to +90°C
Amtel TPE-E	-20°C to +100°C
Peflex EVA	-20°C to +80°C
Peflex PE	-10°C to +60°C

Local Contacts

... and 150 more service contact points
at ammeraalbeltech.com

Argentina

T +54 11 4218 2906
info-ar@ammeraalbeltech.com

Australia

T +61 3 8780 6000
info-au@ammeraalbeltech.com

Austria

T +43 171728 133
info-de@ammeraalbeltech.com

Belgium

T +32 2 466 03 00
info-be@ammeraalbeltech.com

Canada

T +1 905 890 1311
info-ca@ammeraalbeltech.com

Chile

T +56 2 233 12900
info-cl@ammeraalbeltech.com

China

T +86 512 8287 2709
info-cn@ammeraalbeltech.com

Colombia

T +57 1 893 9890
info-co@ammeraalbeltech.com

Czech Republic

T +420 567 117 211
info-cz@ammeraalbeltech.com

Denmark

T + 45 7572 3100
info-dk@ammeraalbeltech.com

Finland

T +358 207 911 400
info-fi@ammeraalbeltech.com

France

T +33 3 20 90 36 00
info-fr@ammeraalbeltech.com

Germany

T +49 4152 937-0
info-de@ammeraalbeltech.com

Hungary

T +36 30 311 6099
info-hu@ammeraalbeltech.com

India

T +91 44 265 34 244
info-in@ammeraalbeltech.com

Israel

T +972 4 6371485
info-il@ammeraalbeltech.com

Italy

T +39 051 660 60 06
info-it@ammeraalbeltech.com

Japan

T +81 52 433 7400
info-jp@ammeraalbeltech.com

Luxembourg

T +352 26 48 38 56
info-lu@ammeraalbeltech.com

Malaysia

T +60 3 806 188 49
info-my@ammeraalbeltech.com

Mexico

T +52 55 5341 8131
info-mx@ammeraalbeltech.com

Netherlands

T +31 72 57 51212
info-nl@ammeraalbeltech.com

Peru

T +51 1 713 0069
info-pe@ammeraalbeltech.com

Poland

T +48 32 44 77 179
info-pl@ammeraalbeltech.com

Portugal

T +351 22 947 94 40
info-pt@ammeraalbeltech.com

Singapore

T +65 62739767
info-sg@ammeraalbeltech.com

Slovakia

T +421 255648542
info-sk@ammeraalbeltech.com

South Korea

T +82 31 448 3613-7
info-kr@ammeraalbeltech.com

Spain

T +34 93 718 3054
info-es@ammeraalbeltech.com

Sweden

T +46 (0) 10 130 96 00
info-se@ammeraalbeltech.com

Switzerland

T +41 55 2253 535
info-ch@ammeraalbeltech.com

Thailand

T +66 2 902 2604-13
info-th@ammeraalbeltech.com

Turkey

T +90 232 877 0700
info-tr@ammeraalbeltech.com

United Kingdom

T +44 1992 500550
info-uk@ammeraalbeltech.com

United States

T +1 847 673 6720
info-us@ammeraalbeltech.com

Vietnam

T +84 8 376 562 05
info-vn@ammeraalbeltech.com

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and local service
for all your belting needs**



General contact information:

Ammeraal Beltech
P.O. Box 38
1700 AA Heerhugowaard
The Netherlands

T +31 (0)72 575 1212
info@ammeraalbeltech.com

ammega.com