Technical datasheet

PUS080 Transparent 03.0mm

Article code: ACCO000272



General information	
Productgroup	Engineered belts, cover
Industry segment	Wood: Panel board; Building materials; Metal
Main product feature	Cut resistant, Oil & grease resistant, Wear resistant

Cover type	
Material	TPU
Top finish	smooth or ground
Color	transparent



Characteristics		
Food Grade (FG)	no	
Antistatic (AS)	no	
Oil & fat resistance	yes	
Wear resistance	good	

Technical data								
Hardness			80A	Shore				
Density			1110	kg/m³	69.3	lbs/ft³		
Coefficient of friction	product side against steel	dynamic	n.a.					
		static	0,8					
Operating temperature	continuous	from / to	-15 / 80	°C	5 / 176	°F		
Thickness			3	mm	0.12	in.		
Maximum available width			1500	mm	59.06	in.		
Maximum available length			50000	mm	1968.5	in.		
Pulley factor *			30					

Fabrication

A belt cover material is applied to the substrate either by gluing, welding or vulcanizing. Depending of the method of applying the belt could be suitable for one running direction only. If this is the case, it will be indicated on the belt.

Contact Ammeraal Beltech to inquire what the fabrication options are for this specific cover type: gluing, welding, vulcanizing, grinding, perforations, milling and slotting.

Additional Information

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ.

* With the pulley factor of a specific cover material one can calculate the advised minimum pulley diameter.

Advised minimum pulley diameter = pulley factor \times thickness (mm).

For example of the pulley factor of a specific cover material = 20,

the thickness of that cover = 4 mm: In this case the advised minimum pulley diameter = $20 \times 4 = 80$ mm.

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