

General information

Product group	High Performance Flat Belts
Product sub type	Classic
Industry segment	General industry
Application	General conveying

Belt construction

Top side	material	Natural rubber
	finish	Fine
	color	Transparent
Tension member		Polyester fabric
Bottom / Pulley side	material	Polyester fabric
	finish	Fabric texture
	color	Transparent

Characteristics

Food Grade (FG)	No
Anti-static (AS)	No
High conductive (HC)	No

Technical data

Belt thickness	according to ISO 2286-3		2.7 mm	0.106 in.
Belt thickness tolerance		±	0.4 mm	0.016 in.
Weight	according to ISO 290703-1		5 kg/m ²	1.024 lbs/ft ²
Force at 1% elongation	according to ISO 21181	dynamic	27 N/mm	154.174 lbs/in.
Recommended elongation		min./max.	0.2 / 0.6 %	
Coefficient of friction, dynamic	according to ISO 21182	bottom side to steel	0.1	
		top side to steel	0.1	
Minimum pulley diameter	flexing		80 mm	3.15 in.
	back flexing		80 mm	3.15 in.
Operating temperature	continuous	from/to	0 / 80 °C	32 / 176 °F
Belt width	standard		570 mm	22.441 in.

Fabrication

Recommended splice method	WedgeSkive75D-1.5-2.8
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Additional Information

The information on this data sheet applies to a temperature of approx. 20 °C / 68 °F and 65% relative humidity.

Consult our specialists for further instructions regarding joining, storage & maintenance, tracking & tensioning.

Consult our specialists for calculations with our E-RappCalc© technical calculation program.