



Item code 54624

General information

Product group	High performance flat belts
Market segment	Paper & print, Mail
Typical application	Mail handling, Paper processing, Printing & finishing
Main features	
Special characteristics	Bi-directional, High efficient NBR cover, Suitable for Quick Splice Joining

Belt construction

Friction surface	Polyester fabric	Fabric textured	Green
Tension member	Polyester fabric		
Back surface	XNBR elastomer	Coarse structured	Green

Characteristics

Foodgrade (FG)	no
Antistatic (AS) <i>DIN EN ISO 21178</i>	no
High conductive (HC)	no
ATEX approval	

Technical belt data

Belt thickness <i>ISO 2286-3</i>	Tolerance +/- 0.1 mm / 0.004 in.	1.30 mm	0.051 in.
Weight <i>DIN 29073-1</i>		1.25 kg/m ²	0.256 lbs./ft. ²
Force / Belt factor at 1% elongation <i>ISO 21181</i>	Dynamic after running-in	4.0 N/mm	22.40 lbs./in.
Recommended elongation (min. - max.)		0.5 - 2.0 %	
Coefficient of friction (static, steel) <i>ISO 21182</i>	Top side	0.6 -	
	Bottom side	0.1 -	
Min. pulley diameter	Flexing/Back flexing	15.0 mm	0.591 in.
Temperature range		0 to 60 °C	32 to 140 °F

Endless method

Main splice method	Quick Splice
Alternative splice method	

Additional information

The information applies at approx. 20°C / 68°F and 65% relative humidity.
 Consult our specialists for further information and instructions regarding joining, storage & maintenance, and tracking & tensioning.
 Consult our specialists for calculations from the RappCalc technical calculation program.
 Previous article description: TG E4 RQ



Tensile force for specific elongation per unit of width (N/mm)

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