

CONVEYOR BELTS FOR GENERAL USE

General conveyor belts convey loose and bulk materials under typical working conditions. The carcass consists of polyester/polyamide (EP) fabrics, polyester/polyester, polyamide/polyamide (nylon), aramid fabrics.

They are suitable for a wide range of industrial process. This type of belt is widely employed in quarrying, construction industry, steel manufactures, chemical industry, cement factories, in the range of temperature (-30...+70°C).

The aramid fabric conveyor belting offers the maximum impact and damage resistance when carrying materials. It is suitable for conveying a great variety of materials such as ore, crushed stones, grain, sands etc. The rubber covers are manufactured according to DIN 22 102 (X, W, Y, Z grades) or on customer's request.

Dimensions	<i>width, mm</i>		covered edges	800 - 1600 +/- 1%							
			cut edges	500-1600 +/- 1%							
	<i>thickness, mm</i>			4 - 24							
	<i>deviation from thickness</i>	belt	under 10 mm	+/- 1 mm							
			over 10 mm	+/- 10%							
		rubber cover	under 4 mm	+/- 0.2 mm							
over 4 mm			+/- 5 %								
<i>length, m, max</i>			300 +/- 0.5 %								
Insertion's characteristics	<i>number of insertion</i>		2-6								
	<i>insertion type</i>		EP 80	EP 100	EP 125	EP 160	EP 200	EP 250	EP 315	EP 400	EP 500
	<i>tensile strength, kgf, (for 50mm x 200mm)</i>	longitudinal	500	700	800	1000	1200	1500	2000	2200	2800
		transversal	250	250	350	380	500	500	500	500	500
Adhesion, kgf/cm, min	<i>between plies</i>		5								
	<i>between insertions and rubber covers</i>	under 1.5 mm	3.5								
		over 1.5 mm	4.5								
Edges	<i>covered edges</i>		For an increased protection, the edges are fully moulded with rubber covers.								
	<i>cut edges</i>		The impregnated carcass is completely water tight and impervious to the ingress of liquids. Thus, cut edges do not represent a risk to belt life.								
Surfaces			-both surfaces covered -one surface covered and the other uncovered -both surfaces uncovered								
Breaking force of conveyor belt, kgf/cm			Is given by the type and number of insertions								