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TECHNICAL SHEET

Creative ideas to

EXQUISITE

CONVEYOR BELTS



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Beijing EXQUISITE International Development Co., Ltd.

One of earliest companies dedicated to
PVC PU Rubber conveyor belts, SGS, FDA.

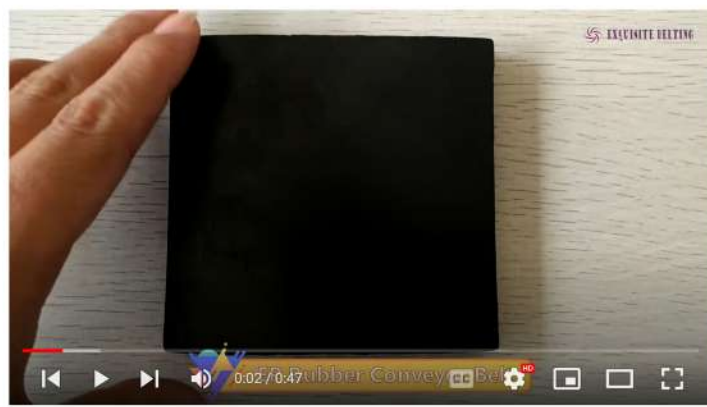


PVC PU Belts: <http://www.exquisiteconveyorbelt.com/>
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Beijing EXQUISITE International
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Polyester EP Rubber Conveyor Belt



EP Polyester Rubber Conveyor Belt Cinta Transportadora de Goma Poliéster EP

<https://youtu.be/WpGZmqyLdnk>

Product Description

Polyester conveyor belts, also called EP conveyor belts, whose tension resistant body is canvas woven by polyester in warp and nylon-66 in weft. The belts have the characteristics of low elongation in warp and good trough ability in weft, good water resistance, good wet strength, no mould, suitable for medium, long-distance and heavy-load transportation of materials. Because of the high initial modulus of polyester, the belts can choose a relative low safety factor.

Application Fields

Metallurgy, steel plant, building material and construction, energy, chemical, machinery equipment and port.

Tensile Strength & Width

Tensile strength: 300-3200 N/mm Width: 500-2400 mm



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Features & Benefits

1. Reduced strength

The combination of fabric design and dip process provide less elastic and permanent elongation on all specifications. This minimizes take-up concerns and reduce the number of splice at break-in.

2. High-modules, superior troughability characteristics.
With the high-tension PET warp and NN66 fiber could provide the belt high-modules and superior troughability characteristics.

3. Variety choices of cover types and thickness

Cover Properties of the Belts

Cover Grade	Tensile Strength		Elongation	Abrasion	Change Rate of Tensile Strength and Elongation after Aging
	≥		≤	≤	
	Mpa	kgf/cm2	%	mm3	%
Heavy(H)	24	240	450	120	-25~+25
Medium(M)	18	180	400	100	-25~+25
Light(L)	15	150	350	200	-30~+30





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Multi-ply Polyester Conveyor Belt Specification and Technical Data

Fabric Type	Fabric Structure		Fabric	Ply Thickness (mm/P)	Strength Series(N/mm)					Cover Thickness (mm)		Width	Length	
	Warp	Weft	Specs		2 ply	3ply	4ply	5ply	6ply	Top	Bottom	mm	m	
Polyester	Polyester	polyeter	EP-80	0.8	160	240	320	400	480	2.0~8	0~4.5	400~500	<=300	
(EP)	(EP)	(EP)	EP-100	0.8	200	300	400	500	600					
			EP-125	0.85	250	375	500	625	750					
			EP-150	0.9	300	450	600	750	900			500~2500		
			EP-160	0.9	320	480	640	800	960					
			EP-200	1.05	400	600	800	1000	1200					
			EP-250	1.25	500	750	1000	1250	1500					
			EP-300	1.35	600	900	1200	1500	1800					
			EP-350	1.5	-	1050	1400	1750	2100					600~2500
			EP-400	1.8	-	-	1600	2000	2400					600~2500
			EP-500	2	-	-	2000	2500	3000					

Conveyor, Conveyor belt, Conveyor belting, Conveyor system,
Material handling, Cinta transportadora.

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CHINA AUTOMATION CONVEYOR BELT EXPERT



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