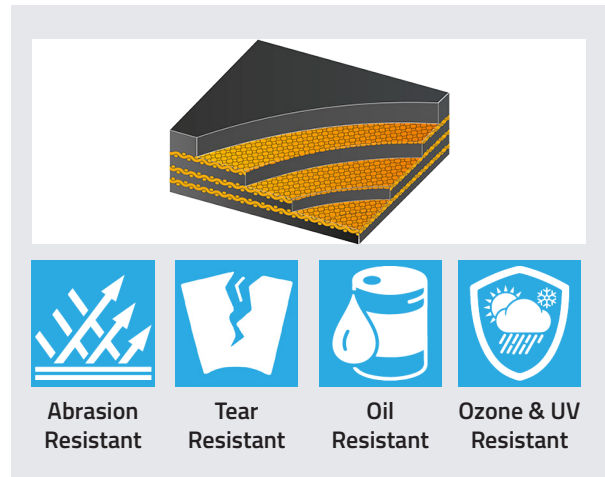


RubbaTrio Heavy Duty Rubber & Polyester-Nylon Conveyor Belting Material Datasheet

Product Code: RC06105

Product Information

RubbaTrio belting is the ideal solution for use in heavy loads, coarse materials as well as adverse loading conditions. This particular belting has been manufactured with three high strength EP fabric plies with a hard wearing rubber layer inbetween. These combine to create outstanding levels of impact and tear resistance for a variety of applications and working environments.



Belting Properties

Belting Cover Quality		DIN	EN/ISO	Min Temp	Cont Temp	Peak Temp	Base Polymer	Technical Features
Abrasion Resistance	RA	Y		-30°C	+80°C	+100°C	SBR	Abrasion resistant for more severe service conditions
	RE	X	H	-40°C	+80°C	+90°C	NR	Excellent resistance to cuts, impact, abrasion and gouging resulting from large and heavy lump sizes.
	RS	W	D	-30°C	+80°C	+90°C	NR/SBR	Impact and extra wear resistance for conveying highly abrasive materials of mixed lump sizes.
Heat Resistance	Betahete	T	T1	-20°C	+160°C	+180°C	SBR	Heat and wear resistant for high temperature materials.
	Deltahete	T	T3	-20°C	+200°C	+400°C	EPM	Superior heat resistant for heavy duty service conditions, up to 400 °C for short time intervals.
Oil Resistance	ROM	G		-20°C	+80°C	+90°C	SBR/NBR	Oil and fat resistant for most products with animal & vegetable oils & fats
	ROS	G		-20°C	+80°C	+120°C	NBR	Oil & fat resistant for products containing mineral oils.
Fire Resistance	BV	K/S ³	2A/2B	-20°C	+80°C	+90°C	SBR	Highly fire resistant according to EN 12882 and EN ISO 340.
Fire & Oil resistance	BV ROM	K/S ³	2A/2B	-20°C	+80°C	+90°C	SBR/NBR	Combines features of ROM & fire resistant according to EN 12882 & EN ISO 340.
	BV ROS	K/S ³	2A/2B	-20°C	+80°C	+90°C	NBR	Combines features of ROS & fire resistant according to EN 12882 & EN ISO 340.

The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.

Physical Properties

Belt type	Carcass Thickness (mm)	Carcass Weight (kg/m ²)	Pulley diameters *			Min Width ** (mm)	Max. belt width (mm) for satisfactory load support with material density of t/m ³ **			
			A (mm)	B (mm)	C (mm)		< 0.75	0.75 - 1.5	1.5 - 2.5	2.5 - 3.2
400/3	4.5	5.8	400	315	250	650	1800	1600	1400	1200
500/3	4.9	6.2	500	400	315	800	2000	1800	1600	1400
630/3	5.2	6.5	630	500	400	800	2000	1800	1600	1400
800/3	5.9	7.3	800	630	500	800	2200	2000	1800	1600
1000/3	6.1	7.4	800	630	500	1000	2200	2200	2000	1800
1250/3	7.0	8.6	1000	800	630	1000	2200	2200	2200	2000

* Diameter for belt-loads from 60% up to 100%
For lower loads a smaller diameter can also be suitable

** The load support of a belt is a factor of the belt width, belt strength and bulk material density. The table indicates the limits for correct load support, based on three idlers of the same length set at 30°.

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