

RubbaFort High Durability Rubber & Polyester-Nylon Conveyor Belting Material Datasheet

Product Code: RC06104

Product Information

Our RubbaFort conveyor belting provides outstanding performance and durability for use in a wide variety of light to heavy duty use applications. This particular belting is available with the option of 2 - 6 plies of Polyester-Nylon fabric reinforcement. The top rubber layer of the belting is highly resilient and offers excellent resistance against: tearing, abrasion, oil, UV, ozone and fire deterioration.



Belting Properties

Belting Cover Quality		DIN	EN/ISO	Technical Features
Abrasion Resistance	AA	-	-	Abrasion resistant for normal service conditions
	RA	Y	-	Abrasion resistant for more severe service conditions
	RE	X	H	Excellent resistance to cuts, impact, abrasion and gouging resulting from large and heavy lump sizes
	RS	W	D	Impact and extra wear resistance for conveying highly abrasive materials of mixed lump sizes
Heat Resistance	Betahete	T	T1	Heat and wear resistant for high temperature materials
	Deltahete	T	T3	Superior heat resistant for heavy duty service conditions, up to 400 °C for short time intervals
Oil Resistance	ROM	G	-	Oil and fat resistant for most products with animal and vegetable oils and fats ¹
	ROS	G	-	Oil and fat resistant for products containing mineral oils
Fire Resistance	BV	K/S ²	2A/2B	Highly fire resistant according to EN 12882 and EN ISO 340
	VT	VT	4A/5A ³	Highly fire resistant according to EN 12882 and EN ISO 340
	V	V	A/B2/C2 ³	Highly fire resistant according to EN 14973 and EN ISO 340
Fire & Oil resistance	BVROM	K/S ²	2A/2B	Combines features of ROM and fire resistant according to EN 12882 and EN ISO 340
	BVROS	K/S ²	2A/2B	Combines features of ROS and fire resistant according to EN 12882 and EN ISO 340
Fire, Heat & Oil resistance	BVGT	T/G K/S ²	T1/2A/2B	Combines features of Betahete, ROS and fire resistant according to EN 12882 and EN ISO 340

¹ In some cases (with products containing high concentrations of animal and vegetable oils) ROS should be selected.

² K = fire retardant with covers, S = fire retardant with and without covers.

³ Limited to specific belt constructions.

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
250/2	2.2	2.7	200	160	125	300	650	500	400	
315/2	2.3	2.8	250	200	160	400	650	500	400	
400/2	2.6	3.0	315	250	200	400	1000	800	650	
400/3	2.9	3.6	315	250	200	400	1200	1000	800	
500/3	3.1	3.8	400	315	250	500	1200	1000	800	
500/4	4.0	5.0	500	400	315	500	1400	1200	1000	800
630/3	3.6	4.3	400	315	250	500	1400	1200	1000	800
630/4	4.3	5.2	500	400	315	650	1600	1400	1200	1000
630/5	5.1	6.3	630	500	400	800	2000	1800	1600	1400
800/3	4.3	5.0	500	400	315	650	1600	1400	1200	1000
800/4	5.0	5.9	630	500	400	650	1800	1600	1400	1200
800/5	5.4	6.6	630	500	400	800	2000	1800	1600	1400
1000/4	5.8	6.8	630	500	400	800	2200	2000	1800	1600
1000/5	6.4	7.5	800	630	500	1000	2200	2200	2000	1800
1000/6	6.6	8.0	800	630	500	1000	2200	2200	2000	1800
1250/4	6.4	7.5	800	630	500	1000	2200	2200	2200	2200
1250/5	7.3	8.7	800	630	500	1000	2200	2200	2200	2200
1250/6	7.8	9.1	800	630	500	1000	2200	2200	2200	2200
1600/4	8.1	9.5	1000	800	630	1200	2200	2200	2200	2200
1600/5	8.1	9.5	1000	800	630	1200	2200	2200	2200	2200
1600/6	8.9	10.5	1000	800	630	1200	2200	2200	2200	2200
2000/4	8.9	10.6	1000	800	630	1200	2200	2200	2200	2200
2000/5	10.2	11.9	1200	1000	800	1200	2200	2200	2200	2200
2500/5	11.3	13.4	1200	1000	800	1200	2200	2200	2200	2200
2500/6	12.4	14.4	1400	1200	1000	1200	2200	2200	2200	2200
3150/5	14.1	16.9	1600	1400	1200	1200	2200	2200	2200	2200

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