

Seamless belts

Abbreviations / legend

EPDM = Ethylene-propylene-terpolymer (also called EPT)
 NBR = Acrylo-nitrile-butadiene rubber
 VFFS = Vertical form fill seal machine

Circum. = Circumference
 UV = Ultra violet
 ● = yes
 - = no

Product Group	Product Sub-Group	Belt Type	Product Features									Product Construction				Technical Data																		
			Substrate					Cover Material				Substrate		Cover Material		Substrate													Cover Material					
			Product Type	Abrasion Resistance (relative)	Antistatic	Oil Resistance	Surface Colour	Wear Resistance (relative)	Chemical Resistance Resistant to / Not resistant to		Surface Colour	Traction Layer	Pulley Side Material	Cover Material Type	Surface Hardness Shore A	Thickness mm	Mass of belt kg/m ²	Pulley Diameter (minimum) mm	Tensile force for 1% elongation (static) K 1% N/mm	Tensile force (admissible) K adm N/m	Operating Temperature (admissible) °C	Dynamic Coefficient of Friction	Surface Structure	Manufacturing Dimensions		Dimensional Tolerance			Specific Gravity	Dynamic Coefficient of Friction on copier paper (0.1 mm & 75 gsm)		Operating Temperature (admissible) °C	Cover Thickness mm	
Rubber coated seamless belts	Grabber	RPHGH04	Stable	Very Good	●	Excellent	Black	Fair	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Red	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	35	1.3	1.2	10.0	16.0	100	0.5	Smooth									1.2	2.3	100	
		RPHGA01	Stable	Very Good	●	Excellent	Black	Fair	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Tan	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	40	1.3	1.0	10.0	16.0	100	0.5	Smooth									1.0	2.1	100	
		RPHGC01	Stable	Very Good	●	Excellent	Black	Good	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Green	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	55	1.3	1.1	10.0	16.0	100	0.5	Smooth									1.1	1.9	100	
		RPHGG04	Stable	Very Good	●	Excellent	Black	Poor	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Off White	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	35	1.3	1.3	10.0	16.0	100	0.5	Smooth									1.3	2.4	100	
		RPHGC03	Stable	Very Good	●	Excellent	Black	Excellent	Oils, Ozone and UV	Ketones, Some Hydrocarbons, Acids	Green	Polyester	Chloroprene Rubber (impregnated)	Polyurethane Rubber	55	1.3	1.2	10.0	16.0	107	0.5	Smooth									1.2	0.9	100	
		RPHGG06	Stable	Very Good	●	Excellent	Black	Very Good	Alcohols, Oils	Ketones, Ozone	Off White	Polyester	Chloroprene Rubber (impregnated)	Nitrile Butadiene Rubber	60	1.3	1.4	10.0	16.0	107	0.5	Smooth									1.4	0.9	105	
		RPHGE03	Stable	Very Good	●	Excellent	Black	Good	Ketones, Alcohols, Acids, Minerals	Hydrocarbons	Black	Polyester	Chloroprene Rubber (impregnated)	EPDM Rubber	50	1.3	1.2	10.0	16.0	120	0.5	Smooth									1.3	0.8	160	
		RNSFH04	Semi-Elastic	Very Good	●	Excellent	Black	Fair	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Red	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	35	0.9	1.2	3.3	5.3	100	0.6	Fine Textured									1.2	2.3	100	
		RNSFA01	Semi-Elastic	Very Good	●	Excellent	Black	Fair	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Tan	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	40	0.9	1.0	3.3	5.3	100	0.6	Fine Textured									1.0	2.1	100	
		RNSFC01	Semi-Elastic	Very Good	●	Excellent	Black	Good	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Green	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	55	0.9	1.1	3.3	5.3	100	0.6	Fine Textured									1.1	1.9	100	
		RNSFG04	Semi-Elastic	Very Good	●	Excellent	Black	Poor	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Off White	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	35	0.9	1.3	3.3	5.3	100	0.6	Fine Textured									1.3	2.4	100	
		RNSFC03	Semi-Elastic	Very Good	●	Excellent	Black	Excellent	Oils, Ozone and UV	Ketones, Some Hydrocarbons, Acids	Green	Polyester	Chloroprene Rubber (impregnated)	Polyurethane Rubber	55	0.9	1.2	3.3	5.3	107	0.6	Fine Textured		305 mm							1.2	0.9	100	
		RNSFG06	Semi-Elastic	Very Good	●	Excellent	Black	Very Good	Alcohols, Oils	Ketones, Ozone	Off White	Polyester	Chloroprene Rubber (impregnated)	Nitrile Butadiene Rubber	60	0.9	1.4	3.3	5.3	107	0.6	Fine Textured		otherwise 305 mm							1.4	0.9	105	
		RNSFE03	Semi-Elastic	Very Good	●	Excellent	Black	Good	Ketones, Alcohols, Acids, Minerals	Hydrocarbons	Black	Polyester	Chloroprene Rubber (impregnated)	EPDM Rubber	50	0.9	1.4	3.3	5.3	120	0.6	Fine Textured		otherwise 305 mm							1.3	0.8	160	
		RH02H04	Semi-Elastic	Excellent	●	Excellent	Black	Fair	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Red	Polyamide	Polyurethane Rubber (spread-coated)	Natural Rubber	35	1.2	1.2	3.9	8.0	100	0.3	Smooth		250 mm for belts having circumference up to 635 mm; otherwise 305 mm							1.2	2.3	100	
		RH02A01	Semi-Elastic	Excellent	●	Excellent	Black	Fair	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Tan	Polyamide	Polyurethane Rubber (spread-coated)	Natural Rubber	40	1.2	1.0	3.9	8.0	100	0.3	Smooth		250 mm for belts having circumference up to 635 mm; otherwise 305 mm							1.0	2.1	100	
		RH02C01	Semi-Elastic	Excellent	●	Excellent	Black	Good	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Green	Polyamide	Polyurethane Rubber (spread-coated)	Natural Rubber	55	1.2	1.1	3.9	8.0	100	0.3	Smooth		250 mm for belts having circumference up to 635 mm; otherwise 305 mm		2030 mm					1.1	1.9	100	
		RH02G04	Semi-Elastic	Excellent	●	Excellent	Black	Poor	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Off White	Polyamide	Polyurethane Rubber (spread-coated)	Natural Rubber	35	1.2	1.3	3.9	8.0	100	0.3	Smooth		250 mm for belts having circumference up to 635 mm; otherwise 305 mm							1.3	2.4	100	
		RH02C03	Semi-Elastic	Excellent	●	Excellent	Black	Excellent	Oils, Ozone and UV	Ketones, Some Hydrocarbons, Acids	Green	Polyamide	Polyurethane Rubber (spread-coated)	Polyurethane Rubber	55	1.2	1.2	3.9	8.0	100	0.3	Smooth		250 mm for belts having circumference up to 635 mm; otherwise 305 mm							1.2	0.9	100	
		RH02G06	Semi-Elastic	Excellent	●	Excellent	Black	Very Good	Alcohols, Oils	Ketones, Ozone	Off White	Polyamide	Polyurethane Rubber (spread-coated)	Nitrile Butadiene Rubber	60	1.2	1.4	3.9	8.0	100	0.3	Smooth		250 mm for belts having circumference up to 635 mm; otherwise 305 mm							1.4	0.9	105	
RH02E03	Semi-Elastic	Excellent	●	Excellent	Black	Good	Ketones, Alcohols, Acids, Minerals	Hydrocarbons	Black	Polyamide	Polyurethane Rubber (spread-coated)	EPDM Rubber	50	1.2	1.2	3.9	8.0	100	0.3	Smooth		250 mm for belts having circumference up to 635 mm; otherwise 305 mm							1.3	0.8	160	2.5 mm to 12 mm		

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Product Group	Product Sub-Group	Belt Type	Product Features						Product Construction		Technical Data																		
			Product Type	Abrasion Resistance	Antistatic	Oil Resistance	Non-Marking Properties	Surface Colour	Traction Layer	Impregnated Elastomer	Thickness	Mass of belt	Pulley Diameter (minimum)	Tensile force for 1% elongation (static)	Tensile force (admissible)	Operating Temperature (admissible)	Operating Speed (admissible)	Dynamic Coefficient of Friction		Surface Structure		Manufacturing Dimensions		Dimensional Tolerance					
																		(relative)	On steel pulley	On copier paper (0.1 mm & 75 gsm)	Running side	Conveying side	Width max. mm	Circum. min./max. mm	Width +/- mm	Circum. +/- mm	Thickness +/- mm		
Traditional seamless belts	Panther	400 Panther	Stable	Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber	0.9	1.0	15	11	18	-25 to 100	75	0.5	0.7	Smooth	Rough	6 to 305	178 to 5080						0.15
		W1002A	Stable	Excellent	●	Excellent	Good	Black	Polyester	Polyurethane Rubber	0.9	1.0	15	11	18	-30 to 100	75	0.8	0.8	Smooth	Textured	6 to 305	178 to 5080						0.15
		W1005H	Stable	Good	●	Good	Fair	Black	Polyester	EPDM Rubber	0.9	0.9	15	11	18	-35 to 160	75	0.6	0.6	Smooth	Textured	6 to 305	178 to 5080						0.15
		200A	Stable	Good	-	Good	Excellent	Brown	Polyester	Chloroprene Rubber	0.8	1.0	15	11	18	-25 to 100	75	0.6	0.8	Smooth	Smooth	6 to 305	178 to 5080						0.15
		Panther H	Stable	Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber	1.3	1.4	19	10	16	-25 to 100	65	0.5	0.7	Smooth	Rough	6 to 305	178 to 5080						0.25
		W3002A	Stable	Excellent	●	Excellent	Good	Black	Polyester	Polyurethane Rubber	1.3	1.6	19	10	16	-30 to 100	65	0.8	0.8	Smooth	Textured	6 to 305	178 to 5080						0.25
		W3005H	Stable	Good	●	Good	Fair	Black	Polyester	EPDM Rubber	1.3	1.3	19	10	16	-35 to 160	65	0.6	0.6	Smooth	Textured	6 to 305	178 to 5080						0.25
		W3009	Stable	Good	-	Good	Excellent	Brown	Polyester	Chloroprene Rubber	1.1	1.4	19	10	16	-25 to 100	65	0.6	0.8	Smooth	Smooth	6 to 305	178 to 5080						0.25
		Panther L	Stable	Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber	0.6	0.7	6	5	8	-25 to 100	75	0.5	0.7	Smooth	Rough	6 to 305	178 to 5080						0.15
		W2002A	Stable	Excellent	●	Excellent	Good	Black	Polyester	Polyurethane Rubber	0.6	0.7	6	5	8	-30 to 100	75	0.8	0.8	Smooth	Textured	6 to 305	178 to 5080						0.15
		W2005H	Stable	Good	●	Good	Fair	Black	Polyester	EPDM Rubber	0.6	0.7	6	5	8	-35 to 160	75	0.6	0.6	Smooth	Textured	6 to 305	178 to 5080						0.15
		W2009	Stable	Good	-	Good	Excellent	Brown	Polyester	Chloroprene Rubber	0.5	0.7	6	5	8	-25 to 100	75	0.6	0.8	Smooth	Smooth	6 to 305	178 to 5080						0.15
		Panther VL	Stable	Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber	0.5	0.5	5	3	5	-25 to 100	75	0.6	0.8	Smooth	Rough	6 to 305	178 to 5080						0.4
		W4002A	Stable	Excellent	●	Excellent	Good	Black	Polyester	Polyurethane Rubber	0.5	0.5	5	3	5	-30 to 100	75	0.8	0.8	Smooth	Textured	6 to 305	178 to 5080						0.4
		W4005H	Stable	Good	●	Good	Fair	Black	Polyester	EPDM Rubber	0.5	0.5	5	3	5	-35 to 160	75	0.6	0.6	Smooth	Textured	6 to 305	178 to 5080						0.4
		W4009	Stable	Good	-	Good	Excellent	Brown	Polyester	Chloroprene Rubber	0.4	0.5	5	3	5	-25 to 100	75	0.6	0.8	Smooth	Smooth	6 to 305	178 to 5080						0.4
		W3001	Stable	Very Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber	1.3	1.4	19	10	16	-25 to 100	65	0.5	0.7	Smooth	Rough	6 to 305	178 to 5080						0.25
W1011	Stable	Very Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber	0.9	1.0	15	11	18	-25 to 100	75	0.5	0.7	Smooth	Rough	6 to 305	178 to 5080						0.15		
W1009	Stable	Good	-	Good	Excellent	Brown	Polyester	Chloroprene Rubber	0.8	1.0	15	11	18	-25 to 100	75	0.6	0.8	Smooth	Smooth	6 to 305	178 to 5080						0.15		
E2631	Stable	Good	●	Good	Good	Black	Polyester	Chloroprene Rubber	1.3	1.2	19	10	16	-25 to 100	65	0.3	0.6	Smooth	Textured	6 to 305	178 to 5080						0.25		

+/- 0.4 mm for belts upto 6.4 mm width
 +/- 0.8 mm for belts of 6.4 mm to 127 mm width
 +/- 1.6 mm for wider belts
 +/- 1.6 mm for belts upto 507 mm circum.; + 3.0 mm for belts of 508 to 1270 mm circum.
 +/- 6.0 mm for belts of 1271 to 3937 mm circum.
 +/- 10.0 mm for longer belts