NBR elevator belting

NBR elevator belts are anti-static. The plies are polyester interwoven with Nylon layers. The belt is made out of NBR (Nitrile Butadiene Rubber). The covers make it possible that the elevator bolt head will fit and countersunk perfectly. These belts are available in several breaking loads and thicknesses.

NBR (Nitrile Butadiene Rubber) covers are suitable for transporting products with a higher fat, oil content and a limited acid content. Ideal for the feedmill industry and raw materials intake such as sunflower seeds, fish meal, tapioca and mais. But also for polluted glass cullets.

Belts are cut and punched according to customers specifications.

Technical specifications	
NBR	
Production requirement acc.	DIN 22102 and 22104
Anti-static acc.	ISO 284
Pre stretched plies	Nylon / Polyester
Elongation	max. 1,5%
Covers	NBR 60 ± 5° Shore A
Breaking load covers	> = 15 N/mm
Abrasion	< = 180 mm^3
Density of covers	1,20 ± 0,3 $gram/cm^3$
Temperature resistance	-25 till +100 peak 120 °C

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Type of belt	Breaking load	Nr. of inserts	Covers	Thickness	Weight/m^2	Pulley Ø *
400/3	400 kg/cm^2	3	1+1 mm	5 mm	6,6 kg	315 mm
400/3	400 kg/cm^2	3	2+2 mm	7 mm	7,8 kg	315 mm
500/4	500 kg/cm^2	4	1+1 mm	6 mm	7,8 kg	400 mm
500/4	500 kg/cm^2	4	2+2 mm	8 mm	9,0 kg	400 mm
630/4	630 kg/cm^2	4	1+1 mm	7 mm	9,0 kg	500 mm
630/4	630 kg/cm^2	4	2+2 mm	9 mm	10,2 kg	500 mm
800/5	800 kg/cm^2	5	1+1 mm	8 mm	10,8 kg	630 mm
800/5	800 kg/cm^2	5	2+2 mm	10 mm	11,4 kg	630 mm
1000/5	1.000 kg/cm^2	5	1+1 mm	8 mm	12,0 kg	800 mm
1000/5	1.000 kg/cm^2	5	2+2 mm	10 mm	12,6 kg	800 mm
1250/5	1.250 kg/cm^2	5	2+2 mm	12 mm	14,4 kg	1.000 mm

* Recomended minimal pulley diameter (60 - 100% use of breaking load).