

NBR-ACN elevator belting

NBR-ACN elevator belts are anti-static. The plies are polyester interwoven with nylon layers. The belt is made out of NBR, (Nitrile Butadiene Rubber) with a high content of ACN (ACryl-Nitril).

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) with a high content of Acryl-Nitril covers are suitable for transporting products with a higher fat, oil and acid content. Often used in feedmill industry where hot oil products and molasses are processed.

Belts are cut and punched according to customers specifications.

Technical specifications

NBR-ACN

Production requirement acc. DIN 22102 and 22104

Pre stretched plies Nylon / Polyester

Maximum elongation 1,5%

Covers NBR-ACN 60 ± 5 degrees Shore A

Breaking load covers ≥ 12 N/mm

Abrasion ≤ 200 mm³

Density of covers $1,20 \pm 0,3$ gram/cm³

Temperature resistance -25 till 100 peak 120 °C

Swelling Max 3% (IRM903 oil, 20 °C, 21 days)



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Type belt	Breaking load	number of inserts	covers	belt thickness
500/4	500 kg/cm ²	4	1+1 mm	6 mm
500/4	500 kg/cm ²	4	2+2 mm	8 mm
630/4	630 kg/cm ²	4	1+1 mm	7 mm
630/4	630 kg/cm ²	4	2+2 mm	9 mm
800/5	800 kg/cm ²	5	1+1 mm	8 mm
800/5	800 kg/cm ²	5	2+2 mm	10 mm
1000/5	1.000 kg/cm ²	5	1+1 mm	8 mm
1000/5	1.000 kg/cm ²	5	2+2 mm	10 mm
1250/5	1.250 kg/cm ²	5	2+2 mm	11 mm