



Passenger Car Tire Cord

Maximum strength at minimum gauge

General description

Portfolio of fit-for-purpose cords from NT to UT - incl. various open cord and preformed cord constructions - that offer durability, and push the boundaries of rolling resistance, TCO, and sustainability.

Application

Belt cords for tires from compact to premium cars & SUV, be it ICE or electric vehicles.

| Construction /type | Tensile class | Main application | Lay length (±5%/mm) | Lay direction | Cord diameter (mm) | Linear density (g/m) | Min breaking force (N) |
|--------------------|---------------|------------------|---------------------|---------------|--------------------|----------------------|------------------------|
| 2x0.25 | UT | PCR Belt | 14 | S | 0.50±0.03 | 0.77±0.04 | 340 |
| 4x0.21 OC | UT | PCR Belt | 10 | S | 0.51±0.03 | 1.10±0.06 | 480 |
| 2x0.30 | UT | PCR Belt | 16 | S | 0.60±0.03 | 1.12±0.06 | 488 |
| 4x0.225 OC | UT | PCR Belt | 12 | S | 0.54±0.04 | 1.27±0.07 | 560 |
| 3x0.38 OC | UT | PCR Belt | 20 | S | 0.80±0.04 | 2.67±0.13 | 1080 |
| 2x0.30 | ST | PCR Belt | 14 | S | 0.60±0.03 | 1.12±0.06 | 441 |
| 3x0.25 BETRU® | ST | PCR Belt | 12 | S | 0.54±0.03 | 1.17±0.06 | 488 |
| 3x0.28 BETRU® | ST | PCR Belt | 14 | S | 0.60±0.03 | 1.46±0.07 | 618 |
| 3x0.30 BETRU® | ST | PCR Belt | 16 | S | 0.65±0.03 | 1.68±0.08 | 670 |
| 2+2x0.30 | ST | PCR Belt | ∞/16/16 | -SS | 0.78±0.06 | 2.23±0.11 | 890 |
| 3x0.38 BETRU® | ST | PCR Belt | 20 | S | 0.81±0.04 | 2.69±0.13 | 981 |
| 2+2x0.32 | ST | PCR Belt | ∞/16/16 | -/S | 0.83±0.07 | 2.57±0.13 | 1020 |
| 2+2x0.35 | ST | PCR Belt | ∞/18/18 | -SS | 0.94±0.08 | 3.06±0.15 | 1141 |
| 2x0.30 | HT | PCR Belt | 14 | S | 0.60±0.03 | 1.12±0.06 | 405 |
| 3x0.27 BETRU® | HT | PCR Belt | 12.5 | S | 0.58±0.03 | 1.35±0.07 | 475 |
| 2+2x0.25 | HT | PCR Belt | ∞/14/14 | -SS | 0.65±0.05 | 1.55±0.08 | 560 |
| 3x0.30 BETRU® | HT | PCR Belt | 16 | S | 0.65±0.03 | 1.68±0.08 | 610 |
| 2+4x0.22 BETRU® | HT | PCR Belt | ∞/14 | -S | 0.68±0.03 | 1.81±0.09 | 670 |
| 2+2x0.35 | HT | PCR Belt | ∞/16/16 | -SS | 0.94±0.08 | 3.03±0.15 | 980 |

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