

Technical Specifications of Coriamid® Transmission Beltings

| Type | Total Thickness (mm) | Weight (kg/sq. mtr) Aprox | Min. pulley dia (mm) | Pull for 1% elongation (gg/cm) | Tensile Strength (kgs/cm) | Top Surface | | | Driving Surface | | | Max. temp. resistance (°C) |
|-------------------------------|----------------------|---------------------------|----------------------|--------------------------------|---------------------------|-------------|------|------|-----------------|------|------|----------------------------|
| | | | | | | Col. | Mat. | COF | Col. | Mat. | COF | |
| LEATHER NYLON BELTINGS | | | | | | | | | | | | |
| LL 6 | 4.0 | 3.7 | 40 | 4 | 120 | W | L | 0.4 | W | L | 0.4 | 80 |
| LL 10 | 4.4 | 4.2 | 80 | 8 | 240 | W | L | 0.4 | W | L | 0.4 | 80 |
| LL 12 | 5.0 | 4.6 | 100 | 10 | 330 | W | L | 0.4 | W | L | 0.4 | 80 |
| LL 20 | 6.5 | 5.5 | 160 | 16 | 480 | W | L | 0.4 | W | L | 0.4 | 80 |
| LL 30 | 7.5 | 6.7 | 240 | 24 | 720 | W | L | 0.4 | W | L | 0.4 | 80 |
| LL 40 | 8.0 | 7.8 | 320 | 32 | 960 | W | L | 0.4 | W | L | 0.4 | 80 |
| LL 50 | 10 | 8.9 | 400 | 40 | 1200 | R | L | 0.4 | W | L | 0.4 | 80 |
| LF 6 | 2.4 | 2.3 | 40 | 4 | 120 | R | F | 0.3 | W | L | 0.4 | 80 |
| LF 10 | 3.1 | 2.8 | 80 | 8 | 240 | R | F | 0.3 | W | L | 0.4 | 80 |
| LF 12 | 3.4 | 3.5 | 100 | 10 | 330 | R | F | 0.3 | W | L | 0.4 | 80 |
| LF 20 | 4.8 | 4.0 | 160 | 16 | 480 | R | F | 0.3 | W | L | 0.4 | 80 |
| LF 30 | 6.0 | 4.5 | 240 | 24 | 720 | R | F | 0.3 | W | L | 0.4 | 80 |
| LF 40 | 7.3 | 6.3 | 320 | 32 | 960 | R | F | 0.3 | W | L | 0.4 | 80 |
| LF 50 | 8.5 | 7.3 | 400 | 40 | 1200 | R | F | 0.3 | W | L | 0.4 | 80 |
| L 6 | 2.0 | 2.2 | 40 | 4 | 120 | T | PS | 0.2 | W | L | 0.4 | 80 |
| L 12 | 2.8 | 2.8 | 100 | 10 | 330 | T | PS | 0.2 | W | L | 0.4 | 80 |
| L 16 | 3.9 | 3.4 | 160 | 16 | 480 | T | PS | 0.2 | W | L | 0.4 | 80 |
| FABRIC NYLON BELTING | | | | | | | | | | | | |
| FF 0 | 0.6 | 0.4 | 10 | 0.5 | 20 | R | F | 0.25 | R | F | 0.25 | 80 |
| FF 3 | 0.8 | 0.6 | 20 | 2 | 60 | R | F | 0.25 | R | F | 0.25 | 80 |
| FF 6 | 1.0 | 0.9 | 40 | 4 | 120 | R | F | 0.25 | R | F | 0.25 | 80 |
| FF 10 | 1.5 | 1.4 | 80 | 8 | 240 | R | F | 0.25 | R | F | 0.25 | 80 |
| FR 1 | 1.6 | 1.4 | 50 | 4 | 120 | R | F | 0.25 | G | F | 0.7 | 80 |
| RUBBER NYLON BELTINGS | | | | | | | | | | | | |
| ARS 1 | 2.4 | 3.0 | 40 | 4 | 120 | G | NR | 0.7 | Y | NR | 0.7 | 100 |
| ARS 2 | 2.6 | 3.3 | 80 | 8 | 240 | G | NR | 0.7 | Y | NR | 0.7 | 100 |
| ARS 3 | 2.9 | 3.6 | 100 | 10 | 330 | G | NR | 0.7 | Y | NR | 0.7 | 100 |
| ARS 3/6 | 6.0 | 6.7 | 100 | 10 | 330 | G | NR | 0.7 | Y | NR | 0.7 | 100 |
| ARS 4 | 3.3 | 4.2 | 160 | 16 | 480 | G | NR | 0.7 | Y | NR | 0.7 | 100 |
| TA16 | 2 | 1.8 | 35 | 5 | 120 | PG | NR | 0.7 | B | NR | 0.7 | 100 |
| TA20 | 2 | 2.6 | 60 | 7.5 | 180 | PG | NR | 0.7 | B | NR | 0.7 | 100 |
| TA20I | 2 | 2.6 | 60 | 7.5 | 180 | PG | NR | 0.7 | B | NR | 0.7 | 100 |
| TA24 | 2.6 | 2.9 | 70 | 10 | 250 | PG | NR | 0.7 | B | NR | 0.7 | 100 |
| TA24I | 2.6 | 2.9 | 100 | 13 | 300 | PG | NR | 0.7 | B | NR | 0.7 | 100 |
| TA24G | 3.2 | 3.5 | 80 | 10 | 250 | PG | NR | 0.7 | B | NR | 0.7 | 100 |
| TA24IG | 3.2 | 3.5 | 80 | 10 | 250 | PG | NR | 0.7 | B | NR | 0.7 | 100 |
| TA29I | 3.1 | 3.4 | 120 | 15 | 450 | PG | NR | 0.7 | B | NR | 0.7 | 100 |

Description

| | | | |
|-------------------------------|----------------------|------------------------|---------------------------|
| Col - Colour | B - Black | Tolerance | Width |
| Mat - Material | BR - Brown | Length | Upto 50mm ± 1mm |
| COF - Coefficient of friction | Y - Yellow | 500 - 5000 mm ± 0.5% | 51 - 100mm ± 2mm |
| W - White | L - Leather | 5001 - 15000 mm ± 0.3% | 101 - 500mm ± 3mm |
| R - Red | F - Fabric | 15001 & Abv. ± 0.2% | 501 - 750mm ± 10mm |
| T - Transparent | PS - Polyamide Strip | | 751 - 950mm ± 15mm |
| G - Green | NR - Nitrile Rubber | | Thickness |
| PG - Parrot Green | | | Rubberised Series ±0.15mm |
| | | | Leather Series ± 0.3mm |
| | | | ST - FF Series ± 0.05mm |