ROCK IT!
Single-Ply Straight-Warp Heavy Duty Belting

Single-Ply Straight-Warp heavy duty belts are designed specifically for the toughest conveying applications where low-stretch, impact-resistant, high-strength belts with excellent load support are required.

INDUSTRIES
- Quarries
- Log Handling
- Cement Industry
- Recycling
- Auto Shredding
- Heavy Metal Scrap
- Mining
- Construction Industry

BENEFITS
- Impact Resistant
- Rip Resistant
- Low Stretch
- Superior Lace Retention
- High Cover Adhesion
- Cut, Gouge and Tear Resistant
- Excellent Load Support
- Outstanding Troughability

APPLICATIONS
- Large Stone
- Heavy Ore
- Bucket Elevators
- Copper Ore
- Feeders Under Rock Crushers
- Primary Crushers
- Magnetic Separators

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The Single-Ply Straight-Warp belt provides exceptional durability because of its tough synthetic carcass and heavy-duty Grade-1 covers. The belt also has excellent bolt-holding capabilities for buckets and mechanical fasteners in abusive applications.

As shown above, Single-Ply Straight-Warp carcass is made length-wise with a polyester straight warp (yellow), intersected cross-wise by nylon fill weft (blue), that are bound together with synthetic warp fibers (red, purple and green).

The Single-Ply Straight-Warp belt’s reinforced carcass construction resists longitudinal tears and gouging caused by heavy impacts.

**BELTSERVICE SINGLE-PLY STRAIGHT-WARP SPECS**

- **Cover Gauge**: 1/4” x 1/8”
- **Belt Carcass Gauge**: 0.1338”
- **Working Tension Rating**: 440 PIW
- **Cover Grade**: RMA1
- **Construction Warp**: Polyester
- **Construction Fill Weft**: Nylon
- **Carcass Fabric**: SW-800
- **Cover Tensile Strength**: Min. 2600 psi
- **Cover Elongation**: Min. 450%
- **Cover Hardness**: 62 ± 3 (Shore A)
- **Minimum Head Pulley Diameter**: 20”
- **Temperature Range**: -40°C to +60°C