Our premium 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.
**APPLICATIONS**
- Large Stones
- Heavy Ore
- Bucket Elevators
- Copper Ore
- Feeders
- Primary Crushers
- Magnetic Separators

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

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

**SPECIFICATIONS**
- **Cover Gauge**: 1/4" x 1/8"
- **Belt Carcass Gauge**: 0.1338"
- **Cover Grade**: RMA 1
- **Working Tension Rating**: 440 PIW
- **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

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

Our Single-Ply Straight-Warp belts resist longitudinal tears, gouging and have excellent bolt holding capabilities for buckets and mechanical fastener.