



# BULKMASTER

Designed to handle impact loads from very large and heavy lumps of rock and the massive loads of bulk ore feeders, BulkMaster uses a heavy PN450 double weave fabric with thick cushioning skims between each of its three plies. BulkMaster has excellent tear strength and fastener holding ability.



## BulkMaster

											Load Support		
Carcass	Cover	Working Tension		Belt	Belt	Minimum Pulley Diameters			Elastic	Stock	Maximum width for material density to		
Designation	Thick	Spliced	Fastened	Mass	Gauge	Type A	Type B	Type C	Modulus	Width	800 kg/m <sup>3</sup>	1600 kg/m <sup>3</sup>	2400 kg/m <sup>3</sup>
PN1350/3	10x3 mm	135 kN/m	135 kN/m	26.0 kg/m <sup>2</sup>	22.0 mm	1000 mm	800 mm	630 mm	12000 kN/m	1600 mm	2000 mm	1800 mm	1600 mm

### Pulley Classifications:

**Type A** - High tension, head, drive and tripper      **Type B** - Low tension, tail, bend and take-up      **Type C** - Low tension snub

### Pulley diameters

Pulley diameters shown apply to belts operating at over 60% of maximum allowable working tension.

Diameters of all pulleys must be reduced by 20% where belts are operating at less than 60% of allowable working tension.

For belts at less than 30% of allowable tension, the diameters of Type A pulleys can be further reduced by 20%.

### Working Tensions

Working tensions assume a reasonably well maintained plant, with infrequent controlled Starts and moderate impact.

For more severe service, ie: poor loading, frequent loaded or DOL starts, short time Cycles then reduce the above values by 15%.

For extreme service, ie: poorly maintained plant, chemical aggression, bad loading and starting, then reduce the above values by 30%