



ROCKMASTER

Developed after intensive trials in the Pilbara Iron Ore region, RockMaster is designed for superior performance under the toughest hard rock conditions.

The belt features an extra-high strength Natural M Grade' cover with outstanding abrasion resistance.

RockMaster

											Load Support		
Carcass	Cover (mm)	Working Tension (kN/m)		Belt (kg/m ²)	Belt (mm)	Minimum Pulley Diameters (mm)			Elastic (kN/m)	Stock width (mm)	Maximum width (mm) for material density to (kg/m ³)		
Designation	Thick	Spliced	Fastened	Mass	Gauge	Type A	Type B	Type C	Modulus	Max.	800 kg/m ³	1600 kg/m ³	2400 kg/m ³
PN800/4	10x3	90	68	20.2	18.0	630	500	400	9200	2100	1600	1350	1050

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%.