

## **TimberMaster**

When it comes to moving forests, this belt is the Master

**Apex TimberMaster** belt has been designed for the tough applications encountered in the timber industry, with a bare back for easy sliding on benches and metal surfaces.

**Apex TimberMaster** has a tough, nitrile-blended cover formulated to resist the terpene content of Radiata Pine sap.

Three (3) ply **Apex TimberMaster** can be hot and cold spliced, or mechanically fastened.

As part of the Apex Stock Belt Range this belt is normally available from existing floor stock, so contact your local branch or distributor.



### Apex TimberMaster

Carcass Designation	Cover Thick mm	Working Tension		Belt Mass kg/m <sup>2</sup>	Belt Gauge mm	Min. Pulley Diameters			Elastic Modulus kN/m	Stock Width mm	Load Support*		
		Spliced kN/m	Fastened kN/m			Type A mm	Type B mm	Type C mm			800 kg/m <sup>3</sup> mm	1600 kg/m <sup>3</sup> mm	2400 kg/m <sup>3</sup> mm
PN500/3	5 x bare	50	40	10.1	8.3	400	315	250	6300	1500/1800	1050	750	500

\* Maximum width for material density to

#### 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%

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