

Timber Processing & Oil Resistant Belts

Product	Application
TimberMate	Recommends TimberMate for all Green Chip, Bark & Timber and Palm Kernel Handling applications to provide extended life through superior wear and oil resistance properties.
TimberSpeed	TimberSpeed is a lay flat belt with low friction bottom cover, non marking top cover suited for handling light to medium weight cut timber at high speed. Suited small pulley diameters.
TimberSlide	TimberSlide is higher strength version of TimberSpeed with improve impact resistance though heavier top cover and cushion rubber between 2 nd and 3 rd plies.
Slider Back MOR	Economy slider back belt suitable for low duty dry timber and chip application with intermittent exposure to oils, sap or resin.
GP MOR	Economy belt suitable for low duty dry timber and chip application with intermittent exposure to oil, sap or resin

Product	Item code	Plies	Fabric	Top Cover	Bottom Cover	Oil Resistance % Volume Swell	Maximum Din Abrasion	Hardness Shore A
TimberMate	BSB180	3	EP160	3.0	1.5	<10%	<160	63-68
TimberSpeed	BSE150	4	PP80	1.0	Fabric	<10%	<280	60-65
TimberSlide	BSG150	3	EP160	2.0	Fabric	<10%	<280	60-65
Slider Back MOR	BCM011	3	EP150	4.0	0.0	<80%	<240	60-70
GP MOR	BCM150	3	EP160	3.0	1.5	<120%	<240	65-75
GP MOR	BPC150	2	EP150	3.0	1.5	<120%	<240	65-75

Product	Colour	Non Marking	Max Working Tension (KN/m)	Ultimate Tensile Strength (KN/m)	Elongation @ Break	Elongation at 10% Load	Min Pulley Diameter
TimberMate	Black	N	45	450	>12%	<4%	400
TimberSpeed	Red	Y	32	320	>12%	<4%	100
TimberSlide	Red	Y	45	450	>10%	<4%	400
Slider Back MOR	Black	N	45	450	>15%	<2%	400
GP MOR 3ply	Black	N	45	450	>12%	<4%	400
GP MOR 2ply	Black	N	30	300	>12%	<4%	250

Testing Methods	
Test	Test Method
Tensile Strength, MPa	ASTM D 412-98 Method A, Die B
Modulus @ 300%, MPa	ASTM D 12-98 Method A, Die B
Elongation at Break, %	ASTM D 412-98 Method A, Die B
Hardness, °Shore A	ASTM D 2240
Abrasion Resistance, mm ³ lost, 10N load	DIN 53516
Oil Resistance % Volume Swell	ASTM Standard Oil 3# (IMR903) with Alpha & Beta Pinene substituted for Standard Oil No 3.
Standard	EN ISO 14890:2003 - Specification for rubber or plastics covered conveyor belts of textile construction for general use.

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