



## WOVEN BELTING FOR PNEUMATIC CONVEYING

Solid woven belting is used as a porous media on pneumatic conveyors and silos to handle powdered or granular materials such as cement, flour, fine ash, etc.

Marathon manufacture two types of belting for these applications, from Cotton yarns normally 6mm thick and from Polyester yarns 4.5mm thick.

Both types are of solid woven construction and the important porosity factor required for satisfactory working is carefully controlled throughout the weaving process to achieve a consistent permeability along the length and across the width of the belt.

TECHNICAL DATA			
	POLYESTER	POLYESTER	COTTON
Maximum Width	1220 mm	1220 mm	1220 mm
Thickness	4.5 mm	4.5 mm	6 mm
Weight	3.6 kgs/m <sup>2</sup>	4.2 kgs/m <sup>2</sup>	5.01 kgs/m <sup>2</sup>
Warp Tensile Strength	350 kgs/cm	340 kgs/cm	215 kgs/cm
Weft Tensile Strength	350 kgs/cm	370 kgs/cm	139 kgs/cm
Porosity at 300mm Water Gauge	400 m <sup>3</sup> /m <sup>2</sup> /hr	120 m <sup>3</sup> /m <sup>2</sup> /hr	160 m <sup>3</sup> /m <sup>2</sup> /hr
Porosity Tolerance	15 %	15 %	15 %
Maximum Continuous Temperature	180 °C	180 °C	110 °C
Maximum Peak Temperature	200 °C	200 °C	130 °C

Technical details for alternative thicknesses can be supplied against specific requirements.

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