



SOLID WOVEN COTTON CONVEYOR AND ELEVATOR BELTING

Marathon Solid Woven Cotton quality is a general purpose belting suitable for a wide range of conveying applications.

Manufactured from high quality 100% cotton yarns, normally in 2, 3 or 4 plies of thickness, but with the additional facility to weave up to 9 plies (40mm maximum thickness) for special purposes.

A comprehensive range of sizes is stocked in a natural cotton finish.

To suit customer's special applications, belts of similar construction can be woven from other types of natural and man-made fibres.

For non-standard sizes or qualities, a minimum length of 100 metres would normally be the most economical amount to weave.

Characteristics:

- The solid woven construction produces a belt which has a compact and firm texture, with an excellent resistance to ply separation combined with a high tensile strength and flexibility.
- Good fastener and bolt holding qualities.
- Has no odour, and does not contaminate other products in contact, therefore is suitable for use in food processing.
- Used extensively in bakeries because it releases dough and other mixes without sticking.
- The coarse surface will give a good grip to containers and irregular shaped items, but will run easily on flat and troughed applications.
- Will operate satisfactorily at temperatures of 100°C, but can be used for intermittent periods up to 120°C.
- Not recommended for wet conditions, however can be used in certain humid environments if suitably impregnated.

TECHNICAL DATA						
PLY	THICKNESS	MINIMUM WIDTH	MAXIMUM WIDTH	RECOMMENDED MAXIMUM WORKING TENSION	MINIMUM DRIVE PULLEY DIAMETER	WEIGHT OF BELT
2	1/8"	2.0"	52"	60 lbs/in.	7.0"	4.7 lbs/yd ²
	3 mm	50 mm	1320 mm	10.5 kgs/cm	175 mm	2.55 kgs/m ²
3	3/16"	2.0"	48"	90 lbs/in.	9.5"	7.12 lbs/yd ²
	5 mm	50 mm	1220 mm	15.8 kgs/cm	240 mm	3.86 kgs/m ²
4	1/4"	2.0"	48"	120 lbs/in.	14.0"	8.92 lbs/yd ²
	6 mm	50 mm	1220 mm	21.0 kgs/cm	355 mm	4.84 kgs/m ²

Technical details for alternative thicknesses or types of yarn, can be supplied against specific requests.

MARATHON BELTING LTD.
HEALEY MILL,
WHITWORTH ROAD,
ROCHDALE OL12 0TF
ENGLAND

Telephone: +44 (0)1706 657052
Fax: +44 (0)1706 525143
Internet: www.marathonbelting.co.uk
e-mail: sales@marathonbelting.co.uk