

MAGIC BLUE MESH

DEWATERING APPLICATIONS



Polyester Dewatering Belts are characterized by high reliability, easy handling, thermal and chemical resistance coupled with dimensional stability.

Dewatering belts are offered in blue and typically have multiple square apertures which allow for fast and efficient water drainage.

The belt edges are reinforced with either PU or PVC that encapsulate the yarns preventing them from fraying and falling in to the products.

Tracking guides can be fitted to the inside face of the belt edges to allow for ease of tracking and are offered either endless or with a stainless-steel fastener for ease of fitting.

In situations where the belts are used inclined, flights can be fitted to prevent the products falling back down the belt.

Excellent chemical, thermal and high permeability for ease of cleaning.

Food approval: USFDA approval

Working temperature 176°F to 4°F in dry and wet conditions.

Blue Mesh	1 x 1	2 x 2	4 x 4
Thickness (nominal) Excludes reinforcement strips	1.40 mm	1.85 mm	2.00 mm
Weight Excludes reinforcement strips	0.80 Kg/m ²	0.80 Kg/m ²	0.50 Kg/m ²
Maximum Width	3000 mm	3000 mm	2000 mm
Minimum Pulley or Knife Edge Diameter (With The Recommended Joint) With The Recommended Joint & Reverse Flex Diameter Overlap joint or Fasteners	130 mm 200 mm	100 mm 150 mm	100 mm 150 mm
Minimum Pulley/Nose Bar Diameter for Recommended Joint	130 mm	100 mm	100 mm
Minimum Back Flex	200 mm	150 mm	150 mm
Load for 1% Extension	6 N/mm	8 N/mm	14 N/mm
Standard Tension	0.5 %	0.5 %	0.5 %
Continuous Operating Temperature Range (Product Temp.)	-20 ^o to +80 ^o C	-20 ^o to +80 ^o C	-20 ^o to +80 ^o C

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