

Ref: TMPL/PUR/005/216/017

Item: Filter cloth for Horizontal belt filter

SPECIFICATION FOR FILTER MEDIA FOR HORIZONTAL BELT FILTER (POLYESTER)

Permeability (lt /m ² .Sec@200Pa pressure)	:	145-175(approx)
Thickness (mm)	:	1.4(approx)
Weight (gm/m ²)	:	960
Material of construction	:	Polyester
Yarn Type	:	
Wrap	:	Mono filament
Weft	:	Mono(Top) and Multifilament (Bottom)
Max. Elongation at break warp (%)	:	40
Tensile Strength (warp direction) N/cm	:	1330
Dimension	:	4.35mx71.2m (long)

Each filter media should have a SS316 clipper and two pintle wires (SS 316- one working and one standby for emergency) of with top flap of same cloth & its edges coated on either side (min.25mm). The side coating must be thick and firm to ensure no damage to the edges on either end of endless media. The top flap shall be stitched at the fixed end before coating over it for better durability of the flap.

Parameters are as follows:

Feed size	:	90% passing through 74 micron (65-70%less than 53 micron)
Type of ore	:	Dolostone slurry (85% carbonates)
Temperature	:	60 to 65°C
pH of the slurry	:	Fabric should be resistant to atleast pH10

Party must supply 1ftx1ft sample of the offered media with offer for evaluation.

Every media must be rolled to ensure easy replacement. The roll must be securely placed in a polythene sheet, packed individually in a wooden box. Every media inside the packing box must contain a separate 1mx3.3m wide piece of the parent fabric with proper marking.