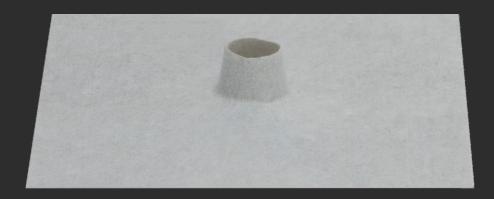
TECHNICAL DATA SHEET (SEALING COLLAR FOR PIPE)



PRODUCT DESCRIPTION

For water sealing of Pipe openings in bathroom, showers and kitchens.

Made of Thermo Plastic Elastomer (TPE) and PE (Polyester) Spunlace Non Woven Fabric.

DIMENSIONS

DESCRIPTION	LENGTH	WIDTH	THICKNESS	CENTRE HOLE	GSM OF FABRIC
Tolerance	± 2mm	± 2mm	± 0.1mm	±0.2mm	
100x100x8mm	100mm	100mm	0.45 mm	8 mm	40
100x100x10mm	100mm	100mm	0.45 mm	10 mm	40
150x150x16mm	150mm	150mm	0.45 mm	16 mm	40
150x150x24mm	150mm	150mm	0.45 mm	24 mm	40
150x150x32mm	150mm	150mm	0.45 mm	32 mm	40
150x150x40mm	150mm	150mm	0.45 mm	40 mm	40
150x150x46mm	150mm	150mm	0.45 mm	46 mm	40
150x150x55mm	150mm	150mm	0.45 mm	55 mm	40
250x250x70mm	250mm	250mm	0.45 mm	70 mm	40
250x250x90mm	250mm	250mm	0.45 mm	90 mm	40
350x350x110mm	350mm	350mm	0.70 mm	110 mm	50
350x350x155mm	350mm	350mm	0.70 mm	155 mm	50
350×350×170mm	350mm	350mm	0.70 mm	170 mm	50

MATERIAL SPECIFICATION:

POLYMER NAME- Thermo plastic elastomer (TPE) Compound.
 FABRIC- Spunlace non woven polyester fabric.
 Compound Composition for Grey Mansjett.

DIMENSIONS

DESCRIPTION	% Age Used		
Thermo Plastic Elastomer(TPE)	99% ± 1%		
Titanium Dioxide(TiO2)	1% ± 0.1%		
Carbon Black	0.007% ± 0.001%		

Note- No TiO2 and carbon black is used for white/ transparent Mansjeet.

PHYSICAL AND CHEMICAL PROPERIES:-

INNER SEALING CORNER

Properties	Units	Value	Method No.
Appearance		Grey/ White	-
Hardness	Shore A	60±3	ASTM D 2240
Tensile Strength(Longitudinal)		13.1	ASTM D 412
	Мра		
Tensile Strength(Transverse)		3.2	-
	%		ASTM D 412
Elongation at break(Longitudinal)	-	39	-
Elongation at break(Transverse)	g/h.m²	341	ASTM E96
Water vapour Diffusion(Avg168 hrs)	KN/m	1.30	-
Tear Strength(Longitudinal)	-	71.0	ASTM D624 TYPE C
Tear Strength(Transverse)	-	31.9	-
Temperature Test	-	No crack or fracture	-
(at -30°c and 80°c for 24 hrs.)		is observed.	ASTM D2136
Low temperature bend test	-	No crack or fracture	-
(-30°c for 24 hrs)		is observed.	ASTM D2136
Leakage Test(Hot water at 40°c for 2 min.)	gm/cm³	No Leakage	-
Density		0.6-0.8	-
Odor		Odorless	-
Water solubility		Insoluble	-

Available in Different colours- White/Grey

STORAGE:

Store in cool dry, ventilated areas away from heat , sparks, flames and moisture. To prevent brittleness, store in temperature above freezing.

REACH DECLARATION

Product is in compliance with substance of Very High Concern (SVHC) i.e. ≤ 0.1 %w/w as per the candidate list promulgated by the European Chemicals Agency (ECHA) which are defined in Article 57 of REACH Regulation (EC1907/2006) checked by Tuv-Nord Group.