

Mfg. of E.P. Foam at Baroda Factory  
**TECHNICAL SPECIFICATION OF EPE FOAM**

Physical Properties	Units	Value
Density	Kg/m <sup>3</sup>	20-40
Tensile Strength	Kg/cm <sup>2</sup>	2.5-6.0
Elongation	%	40-100
Tear Strength	kg/cm <sup>2</sup>	upto 0.7
Compressive Strength (At 10% deformation)	Kg/cm <sup>2</sup>	0.05-0.20
Working Temp	°C	-10to + 70
Water Absorption (At 27 °C, 96 hrs.)	% by Volume	0.2-0.5
Surface Resistivity (AS)*	Ohms/SQ	10 <sup>9</sup> to 10 <sup>12</sup>
Buoyancy	Kg/m <sup>3</sup>	920-640
Thermal Conductivity (At 10°C mean temp.)	K.cal/M.HR. °C	0.023-0.025
Fire Retardency (FR)**	FMVSS-302 UL94HF- ½	Self- Extinguishing
Chemical / Oil Resistance	-	Excellent
Compression Set	%	Less Than 5

The above tests carried out as per ASTM D3575 standard.

For Antistatic foam grade

\*\* For Fire retardant foam grade

### PACKING DETAILS

	Roll Thickness (mm)	Std. Roll Width (mm)	Std. Roll Length (mm)	Planks Thickness (mm)	Std. Plank Width (mm)	Std. Plank Length (mm)	Std. Planks per bundle
Single Layer	0.5	1500	800	15	1400	1800/2000	40
	0.85	1500	600	20	1400	1800/2000	30
	1.0	1500	400	22	1400	1800/2000	25
	2.0	1500	200	25	1400	1800/2000	24
	3.0	1500	135	30	1400	1800/2000	20
	4.0	1500	100	35	1400	1800/2000	17
	5.0	1500	80	40	1400	1800/2000	15
	5.0	1400	80	45	1400	1800/2000	13
Multi Layer	6.0	1400	70	50	1400	1800/2000	12
	8.0	1400	50	60	1400	1800/2000	10
	9.0	1400	40	70	1400	1800/2000	9
	10.0	1400	40	75	1400	1800/2000	8
	12.0	1400	35	80	1400	1800/2000	8
				90	1400	1800/2000	7
				100	1400	1800/2000	6

### AUTHORISED DISTRIBUTORS OF



EPE FOAM ROLL



STRETCH FILM



AIR BUBBLE FILM ROLLS



BOPP TAPE



EPE FOAM TUBE