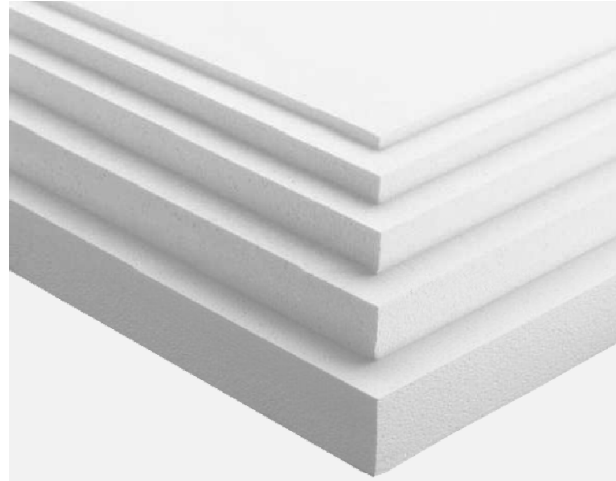
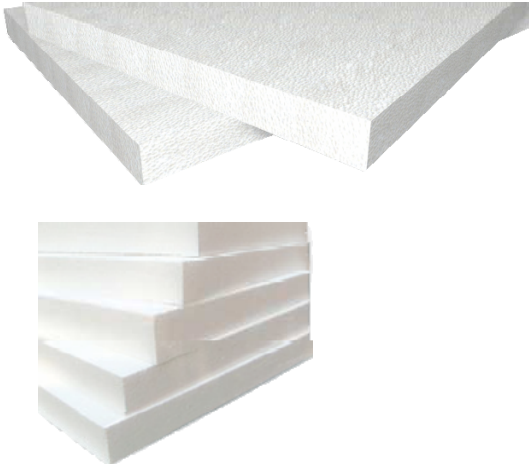


## STYRENE PACKINGS® EPS Sheets & Blocks Insulation



### Approvals and Reports



### Product Information

#### Features and benefits

Raw material EPS granule SE 250FR is fire rated for UL -94, type HF-1/HF-2/V1 Certification Class.

Size Range: Ø15 x 20 mm thickness till Ø600x125 mm thickness.

Unique Interlocking Pre-Molded Design helps in more effective Grip and increases k-value of thermal insulation.

Patented Pre-Molded technology results in a more compact EPS cell Structure than Wire cutting technology.

#### Applications

Hot & Chilled  
Water pipe insulation

HVAC Ducts and air  
conditioning Pipes

Underground Pipe Work

#### Pipe Type

MS Steel Pipe

PVC / UPVC Pipe

## STYRENE PACKINGS® EPS Sheet/ Block Insulation Technical Parameters

P H Y S I C A L  P R O P E R T I E S	Density range (Regular manufacturing as per IS:4671)	16-32 Kg/cum
	Thermal Conductivity at 10 C mean temperature (k-value)	0.028 - 0.031 Kcal m/hr.m c
	Compressive Strength	0.8-1.6 kg/cm <sup>2</sup>
	Cross breaking Strength	1.4-2.0 kg/cm
	Tensile Strength	3-6 kg/cm <sup>2</sup>
	Application Range	-200 C ± 80 C
	Water absorption by % Volume for 7 days in water	0.5%
	Self ignition point	300 C Degree
	Melting Range	100 - 122 C
	R Value (hft <sup>2</sup> .F <sup>0</sup> /BTU) for wall thickness 25 mm and density 30 gpl	4 (hft <sup>2</sup> .F <sup>0</sup> /BTU)
	Polarity	Non polar polymer Resistant to water and moisture

\*Performance data According to UL -94, HF-1/HF-2/V1 or Equivalent & IS code 4671. for Raw Material: SE250 FR EPS Granules.

\*Styrene Packings offers Expanded polystyrene fully resistant to all concentrated acid except (HNO<sub>3</sub> and H<sub>2</sub>SO<sub>4</sub>) but it is non resistant to Aliphatic, hydrocarbons, Ketones and Chlorinated hydrocarbons and is affected by ultraviolet rays.

\*It turns yellow and ultimately becomes brittle if left permanently exposed to sun.

## STYRENE PACKINGS® EPS Sheet Standard Dimension & Density Offer:

Product Code	Sheet / Block Dimensions			Available Density					
	Width	Thickness	Length	TF Grade (16 - 32 kg Density)					
	B	T	L	16 kgs	20 kgs	24 kgs	28 kgs	30 kgs	32 kgs
	[mm]			[Kgs]					
<b>SP- S - 25T</b>	1000	25	1000	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>SP- S - 40T</b>	1000	40	1000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>SP- S - 50T</b>	1000	50	1000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>SP- S - 65T</b>	1000	65	1000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>SP- S - 75T</b>	1000	75	1000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>SP- S - 100T</b>	1000	100	1000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>SP- S - 125T</b>	1000	125	1000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>SP- B - 1000T</b>	1000	1000	1000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>SP- B - 1500T</b>	1000	1500	1000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>SP- B - 2000T</b>	1000	2000	1000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>SP- B - 2500T</b>	1000	2500	1000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>SP- B - 3000T</b>	1000	3000	1000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>SP- B - 4000T</b>	1000	4000	1000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>SP- B - 5000T</b>	1000	5000	1000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\*Styrene Packings® offers Expanded polystyrene sheets thickness above 125 mm and density above 32 Kgs TF for non standard client specific custom requirements, manufactured through the CNC machines.

\* Green checkbox  indicates the best combination of size & density for maximum performance based upon our technology expertise and manufacturing recommendations.

## STYRENE PACKINGS® Product commercial data

Product Code	EPS Sheet & Block Dimensions			QUANTITY (in Rmt)	Bar Codes
	Width [mm]	Thickness [mm]	Length [mm]	Box	
<b>SP- S - 25T</b>	1000	25	1000	20	5906675163703
<b>SP- S - 40T</b>	1000	40	1000	12.5	5906675163741
<b>SP- S - 50T</b>	1000	50	1000	10	5906675292830
<b>SP- S - 65T</b>	1000	65	1000	7.5	5906675266909
<b>SP- S - 75T</b>	1000	75	1000	6	5906675266916
<b>SP- S - 100T</b>	1000	100	1000	5	5906675266923
<b>SP- S - 125T</b>	1000	125	1000	4	5906675266930
<b>SP- B - 1000T</b>	1000	1000	1000	1	
<b>SP- B - 1500T</b>	1000	1500	1000	1	5906675266923
<b>SP- B - 2000T</b>	1000	2000	1000	1	
<b>SP- B - 2500T</b>	1000	2500	1000	1	5906675266923
<b>SP- B - 3000T</b>	1000	3000	1000	1	
<b>SP- B - 4000T</b>	1000	4000	1000	NA	5906675266923
<b>SP- B - 5000T</b>	1000	5000	1000	NA	