

SUPRALON

Expanded Polyethylene Foam (EPE) sheet is chemically non-crosslinked Polyethylene foam with closed cells, expanded 20 to 40 times. It is light, flexible and durable material having excellent shock absorbing and heat insulating properties, water-repellent and resistant to chemicals.

Our EPE products are Chlorofluorocarbon Free (CFC Free)

Model Comparison Table

Material No.	Type	Thickness (mm)	Tolerance (mm)	Roll Width (mm)	Roll Length (M)
SPR-005EL	Embossed Laminated	0.5	± 0.1	1000-1200	600
SPR-005PL	Plain Laminated	0.5	± 0.1	1000-1200	600
SPR-005	Plain	0.5	± 0.1	1000-1200	600
SPR-010	Plain	1	± 0.2	1000-1200	300
SPR-020	Plain	2	± 0.2	1000-1200	150
SPR-020AS	Anti-Static	2	± 0.2	1000	150
SPR-030	Plain	3	± 0.2	1000	100
SPR-030AS	Anti-Static	3	± 0.2	1000	100
SPR-050	Plain	5	± 0.2	100-1200	50

Nature of Supralon

Properties	Result (Value)
Density	0.25 ± 0.005 g / Cm ³
Tensile Strength	2.8 – 4.1 Kg / Cm ³
Water – Absorption by Capillary	None
Absorption Rate (Deposition – Hour: 1 Day; Temperature: 23° C)	Below 0.01 g / 100 Cm ³
Rate of Heat Contraction (Temperature 60°C; Heating – Hour: 7 Days)	Below 1 %
Elongation (%)	240 - 250
CFC	Free

Applications

- As Cushioning and Packaging material for plastic molded parts & Casing, Audio & Video equipment, Furniture, Glass and Pewter wares, Ceramics, etc.
- Insulation material for agriculture and building.
- Material for interior lining of toys, bags, mats, sofa and life jacket.

Characteristics

- Flexible and Light weight
- Superior Cushioning
- Chemical Resistance
- Excellent Insulating Performance
- Waterproof
- High Buoyancy
- Chlorofluorocarbon (CFC) Free

Supralon Length Comparison Table

No.	Thickness (mm)	Length (meter)	Width (cm)
1	0.3	800	100
2	0.3	800	120
3	0.5	800	100
4	0.5	800	120
5	1	500	120
6	2	200	100
7	2	150	120
8	3	100	100
9	4	100	100
10	5	100	100
11	6	100	100
12	8	50	100
13	10	50	100

For further information, please contact:



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