

Paramount Prothin Foam

Especially formulated for Floor Underlay, OEM and Automotive Industry

Prothin Foam is a proprietary foam formulated by Paramount's in-house technology it has a closed cell structure which makes it impermeable to water and moisture intrusion, fungi, bacteria, and to air. It also has high thermal resistance, is lightweight, flexible and compressible, with high recovery after long-term compression.

It has a smooth surface and is used for impact absorption and protection in automotive, industrial applications, packaging, load deflection, thermal barriers, craft and other specialty uses. Products include liners in the automotive industry, padded and protective clothing, door and hatch seals, etc.

Prothin is available in Rolls and Sheets from 1mm to 5mm



TECHINCAL SPECIFICATIONS

S No.	Properties	Unit	Technical Detail
1.	Cell Structure		Closed Cell
2.	Color		Grey/White/Black
3.	Surface Finish		Smooth
4.	Density	Kg/m ³	35± 3
5.	Compressive Strength	N/cm ²	6.5
6.	Tensile Strength	N/cm ²	26.70
7.	Elongation	%	113
8.	Tear Strength	N/cm	9.91
9.	Flammability (as per FMVSS302)	mm/min	86
10.	Water Absorption (as per JIS K 6767:1999)	g/cm ²	0.0008
11.	Water VapourTransmission Rate (as per ASTM E96-2022)	gm/cm ²	1.52*10 ⁻⁴
12.	ROHs		Compliant
13.	Environmental		CFC and HCFC free
13.	Thermal Conductivity (as per IS 3346)	W/mK	0.0328
14.	Operating Temperature	°C	-40 to 100



Resistant Vapor Barrier



Easy to Die Cut



Sound Absorption



Easy to Thermoform



Environment Friendly