Foam N' More
FOAM FABRICATORS - SINCE 1980

VOLARA FOAM. 2.0 pcf 32KG/M³

Physical properties		Test Method	Imperial Units	Values	Metric Units	Values
Density-Nominal		ASTM 3575	Lb/ft³	2	Kg/m³	32
Tensile Strength	MD	ASTM 3575	PSI	44	kPa	303
Tensile Strength	TD			40		276
Elongation at Break	MD		%	163	%	165
Elongation at Break	TD			172		172
Tear Strength	MD		Lbf/in	12.0	Kg/m	214
Tear Strength	TD			13.5		240
Compression Deflection	25%	ASTM 3575	PSI	5	kPa	34
	50%			14		97
Compression Set	25% 24hr	ASTM 3575	%	7	%	7
	50% 24hr			25		25
Working Temperature range		Internal	°F	-76/194	°C	-60/90
Water Absorption 24 (hrs)		Internal	% VOl (max)	1	% VOl (max)	1
Thermal Conductivity @50°F (10°C)		ASTM C177	Btu-in/hr./ft²/°F	0.26	W/mK	0.038
Thermal Conductivity @104°F (40°C)				0.29		0.042
Hardness Shore OO Scale		ASTM 2240	Shore-00	56	Shore-00	56
Flammability >0.25"		FMVSS 302	4"/min	PASS	100mm/min	PASS
Thermal Stability 24 HRS @ 158°F (70°C)		ASTM 3575	%	<2	%	<2

Volara W/ Adhesive Backing.

Foam Density	2Pcf
Tensile Strength	0.35Mpa
Elongation at break	150%
Peel Adhesion 90°	12.25N/25mm
Holding	≥24hours
Tack Ball #	10
Adhesive	Solvent acrylic
Release Liner	80g/m2
Coat Weight	73g/m2

Foam N' More

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Data represents typical values measured on 0.4" thick specimen and should be considered as a guideline only. Metric data is covered from the imperial results measured by testing according to ASTM standards. The information above on Volara chemically cross-linked polyethylene foam is presented to the best of our knowledge.