



Developer & Manufacturer of Engineered Foams

Xcellite™ Xi42 Typical Data Sheet

Engineered Foam Description	Medium cellular rubber
Polymer	PVC/NBR/CR (Polyvinyl Chloride/Acrylonitrile Butadiene/Chloroprene)
Standard Color	Black (Please call for optional colors)
ASTM D1056 Classification	2B2/2C2 (optional suffixes can be added)

Physical Property	Target	Units	Test Method
Density	64 - 96	kg/m ³	ASTM D1056
	4 - 6	lbs/ft ³	
Compression Deflection,25%	35 - 65	kPa	ASTM D1056-07
	5 - 9	psi	
Compression Set, 50% RT	30	%	ASTM D1056
Tensile	520	kPa	ASTM D1056
	75	psi	
Elongation	100	%	ASTM D1056
Water Absorption	10 max.	%	ASTM D1056
Flammability, burn rate	0 - SE	mm/min.	FMVSS 302
	0 - SE	in./min.	
Temperature Use: Hot ¹	93 / 200	°C / °F	
: Cold	-40 / -40	°C / °F	ASTM D1056
Gauge ^{2,3} skin two sides	19 - 38 (+5,-0)	mm	ASTM D1056
	0.750 - 1.500 (+0.200,-0)	in.	
UL 94 File QMFZ2.E312099	1.5 mm/0.059" and above	Skin 1 side	HBF
	1.7 mm/0.067" and above	No skin	
	1.5-7.0 mm / 0.059-0.307"	Skin 1 side	HF-1
1.7-7.0 mm / 0.067-0.307"	No skin		

NOTE:

- 1 - For intermittent exposure only
- 2 - **Please contact customer service 574.284.1000 for additional sizes including widths, skin one side and no skin surfaces.**
- 3 - RMA Class 3 surfaces

For reference:

MS-AY516 Type 2 - Chrysler Engineering Approved Source

SAE J18 2B2

For details or information on additional standards please contact customer service.

The technical service information presented on this Typical Data Sheet has been derived from data using standardized test methods/practices. Fostek Corp. does not control the end use/modification of its products and therefore does not represent or warrant its products to be suitable for any specific end use. Fostek recommends that its material be tested for fitness of use and safety in the manner in which it may be utilized.