



Developer & Manufacturer of Engineered Foams

Xcellite™ Xi41 Typical Data Sheet

Engineered Foam Description	Soft cellular rubber
Polymer	PVC/NBR/CR (Polyvinyl Chloride/Acrylonitrile Butadiene/Chloroprene)
Standard Color	Black (Please call for optional colors)
ASTM D1056 Classification	2B1/2C1 (optional suffixes can be added)

Physical Property	Target	Units	Test Method
Density	48 - 80	kg/m ³	ASTM D1056
	3 - 5	lbs/ft ³	
Compression Deflection,25%	15 - 35	kPa	ASTM D1056-07
	2 - 5	psi	
Compression Set, 50% RT	30	%	ASTM D1056
Tensile	275	kPa	ASTM D1056
	40	psi	
Elongation	125	%	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	1.3 mm/0.051" and above	Skin 1 side	HBF
	1.7 mm/0.067" and above	No skin	
	1.3-7.0 mm / 0.051-0.276" 1.7-7.8 mm / 0.067-0.307"	Skin 1 side No skin	HF-1
UL 50 & 50E File JMST2.MH46471	For enclosures 2, 3, 3R, 3S, 4, 4X, 5, 6, 6P		

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:

SAE J18 2B1

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

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