

## 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 <sup>3</sup>	ASTM D1056
	3 - 5	lbs/ft <sup>3</sup>	
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 <sup>1</sup>	93 / 200	°C / °F	
: Cold	-40 / -40	°C / °F	ASTM D1056
Gauge <sup>2,3</sup> 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 1.7 mm/0.067" and above	Skin 1 side No skin	HBF
	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.*

*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.*



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