

K 42-N  
CLOSED CELL  
NBR/PVC/CR



Specification	Classification	Notes
ASTM D1056	2B2	Additional suffix information available upon request.
UL 94	HF-1 V-0 5VA	Listed at 3.0mm (File #: QMFZ2.E300774) Listed at 3.0mm (File #: QMFZ2.E300774) Listed at 3.0mm (File #: QMFZ2.E300774)
UL 50 & 50E	--	Suitable for enclosure types 2, 3, 3R, 3S, 4, 4X, 5, 6, 6P, 12, 12K, and 13, including oil immersion (File #: JMST2.MH60641)
GMW 15473	Class 1, Type IV	No Exceptions
Chrysler MSAY 516	Type 2	No Exceptions
Chrysler MSZ-75 J18	2B2	No Exceptions
Ford WSK-M2D419-A	Type 3	No Exceptions

**TECHNICAL DATA** ►

Property	Value	Test method
Polymer	NBR/PVC/CR	
Cell structure	Closed	
Color	Black	
ASTM D1056 Classification	2B2 (B2, C1, F1, M)	
Density	6-8 LB/FT <sup>3</sup>	ASTM D1056
25% Compression Resistance	5-9 PSI Max	ASTM D1056
50% Compression Set	25% Max	ASTM D1056
Tensile	75 PSI Min	ASTM D412 (DIE A)
Elongation	100% Min	ASTM D412 (DIE A)
Tear Strength	15 LB/IN Min	ASTM D624 (DIE C)
Water Absorption	10% Max	ASTM D1056
Fluid immersion	100% Max	ASTM D1056 (FUEL B)
Accelerated aging:		ASTM D1056
Flexibility	Pass	
Appearance change	None	
Compression deflection change	±30%	
Flammability	Listed	UL 94: HF-1, V-0, 5VA
	Pass	FMVSS-302
	In progress	FAR 25.853
	Pass	ASTM D5132
Service temperature	-40°F to +200°F	ASTM D1056
Ozone Resistance	Pass	ASTM D1171
Thermal conductivity (75°F)	0.33 BTU-IN/HR-FT <sup>2</sup> -°F	ASTM C177

**K-FLEX** reserves the right to change data and technical requirements without notice.

**RANGE** ►

Size	Thickness*				Width		Roll length	
	Min (mm)	Max (mm)	Min (in)	Max (in)	Min (in)	Max (in)	Min (ft)	Max (ft)
1/8"	3.2	3.7	0.126	0.146	54.0	56.0	100.0	101.0
3/16"	4.7	5.7	0.185	0.228	54.0	56.0	200.0	201.0
1/4"	6.4	7.7	0.252	0.303	54.0	56.0	200.0	201.0
3/8"	9.6	11.4	0.378	0.449	54.0	56.0	150.0	151.0
1/2"	12.7	15.3	0.500	0.602	54.0	56.0	100.0	101.0
5/8"	15.9	19.1	0.626	0.752	54.0	56.0	50.0	51.0
3/4"	19.1	23.0	0.752	0.906	54.0	56.0	50.0	51.0
1"	25.4	30.1	1.000	1.185	54.0	56.0	50.0	51.0
1-1/4"	31.8	36.9	1.252	1.453	54.0	56.0	50.0	51.0
1-1/2"	38.1	43.2	1.500	1.701	54.0	56.0	50.0	51.0

\*Sheet Thickness should be checked using a calibrated caliper.



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