

K 40-E
SEMI-CLOSED CELL
EPDM



Specification	Classification	Notes
ASTM D1056	1A0	Additional suffix information available upon request.
SAE J 18 APR2002	1A0	Additional suffix information available upon request.
UL 94	HF-1	Listed at 6.0mm (File #: QMFZ2.E300774)
	V-0	Listed at 5.0mm (File #: QMFZ2.E300774)
	5VA	Listed at 5.0mm (File #: QMFZ2.E300774)
UL 50 & 50E	--	Suitable for enclosure types 2, 3, 3R, 3S, 4, 4X, 5, 6, and 6P (File #: JMST2.MH60641)
GMW 15473	Class 1, Type 1	No Exceptions
Chrysler MSAY 430	Type 1	No Exceptions
Ford WSB-M3G212A	Pass	No Exceptions
Toyota TSK 6505G	Class 2A	No Exceptions
Hyundai MS 260-13	Pass	No Exceptions

TECHNICAL DATA ►

Property	Value	Test method
Polymer	EPDM	
Cell structure	Crushed (Semi-closed)	
Color	Black	
ASTM D1056 Classification	1A0	
Density	4-7 LB/FT ³	ASTM D1056
25% Compression Resistance	1 PSI Max	ASTM D1056
50% Compression Resistance	1.5 PSI Max	ASTM D1056
50% Compression Set	5% Max	ASTM D1056
Tensile	20 PSI Min	ASTM D412 (DIE A)
Elongation	100% Min	ASTM D412 (DIE A)
Tear Strength	5 LB/IN Min	ASTM D624 (DIE C)
Water Absorption	N/A	ASTM D1056
Fluid immersion	N/A	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
	Pass	FAR 25.853
Service temperature	-65°F to +300°F	ASTM D1056
Ozone Resistance	Pass	ISO 1431

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)
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
1-1/8"	28.5	33.7	1.125	1.325	54.0	56.0	50.0	51.0

*Sheet Thickness should be checked using a calibrated caliper.



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