

K-FLEX HT
CLOSED CELL
EPDM



Specification	Classification	Notes
ASTM D1056	2A1	Additional suffix information available upon request.
UL 94	HF-1, V-0, 5VA	Listed at 3.0MM (FILE # QMFZ2.E300774)
ASTM E84	25/50	Pass up to 1"
ASTM C534	GRADE 2	Pass

TECHNICAL DATA ▶

Property	Value	Test method
Polymer	EPDM	
Cell Structure	Closed	
Color	Black	
Density	3 – 6 LB/FT ³	ASTM D1056
25% Compression Resistance	2 – 4 PSI	ASTM D1056
50% Compression Set	35 % Max	ASTM D1056
Tensile	30 PSI Min	ASTM D412 (DIE A)
Elongation	125 % Min	ASTM D412 (DIE A)
Tear Strength	6 LB/IN Min	ASTM D624 (DIE C)
Water Absorption	10 % Max	ASTM D1056
Flammability	25/50-Rated (Up to 1") Listed	ASTM E84 UL 94 HF-1, V-0, 5VA
Service Temperature	-65°F to +300°F	
Ozone Resistance	Pass	ASTM D1171
Thermal Conductivity (75°F)	0.26 BTU-IN/HR-FT ² -°F	ASTM C177
Water Vapor Permeability	<0.10 PERM-IN	ASTM E96
Maximum Thickness	1-1/4"	
Thickness Tolerance	≤1": +/-10%	
Standard Width	48", 54"	
Specification Compliance	Grade 2	ASTM C534

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"	2.9	3.5	0.114	0.138	54.0	56.0	400.0	401.0
1/4"	5.7	7.0	0.224	0.276	54.0	56.0	200.0	201.0
3/8"	8.6	10.5	0.339	0.413	54.0	56.0	150.0	151.0
1/2"	11.4	14.0	0.449	0.551	54.0	56.0	100.0	101.0
5/8"	14.3	17.5	0.563	0.689	54.0	56.0	50.0	51.0
3/4"	17.1	21.0	0.673	0.827	54.0	56.0	50.0	51.0
1"	23.0	27.7	0.906	1.091	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

*Sheet Thickness should be checked using a calibrated caliper.

