

K-FLEX ***K-FOAM***



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APPLICATION AREAS

K-FOAM stands as a versatile solution, seamlessly integrating into a myriad of applications ranging from air conditioning ducting and piping insulation to wall and acoustic treatments. Its adaptability shines across industries including HVAC, refrigeration, pharmaceuticals, solar systems, automotive, hospitals, and industrial PEBs.

TECHNICAL SPECIFICATIONS

K-FLEX ▶ K-FOAM		
Property	Value/Assessment	Special Remark
Density	± 30 kg/m ³	
Color	Black	
Operating Temperature	-40 to 115 deg C	
Physical Properties		
Tensile Strength	44 psi	Tested acc to ASTM D 412
Ultimate Elongation	83%	Tested acc to ASTM D 412
50% Modulus	40 psi	Tested acc to ASTM D 412
100% Modulus	45 psi	Tested acc to ASTM D 412
Tear Strength	16 lbf/in	Tested acc to ASTM D 624
Compression Deflection	10% Deflection - 6.8 psi 25% Deflection - 12.1 psi 50% Deflection - 91.7 psi	Tested acc to ASTM D 1621
UV / Weathering & Ozone Resistance	Excellent	
Other Certificates		
Resistance to Fungal	Less than 10%	Tested acc to ASTM G 21
Green Star Rating	Low VOC Emitting	Tested acc to ASTM D 5116

PACKING DATA

Thickness (mm)	Length (m)	Width (m)	Area/Roll Sq. Mtr.
6	80	1.2	96
10	60	1.2	72
13	60	1.2	72
16	60	1.2	72
20	45	1.2	54
25	30	1.2	36
32	2.4	1.2	2.88
40	2.4	1.2	2.88
50	2.4	1.2	2.88



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