

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



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K-Flex Closed-Cell Cross Linked Polyethylene Foam Insulation For Thermal Insulation Applications.



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 | Grey | |
| 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 |



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