

AEROFLEX[®]-HT

EPDM Closed Cell Elastomeric Thermal Insulation
for High Temperature Application up to +150°C



AEROFLEX-HT is an EPDM based closed cell light weight elastomeric thermal insulation specifically designed for solar and steam heating applications with service temperature up to +150 °C. AEROFLEX-HT has excellent ozone, UV and weather resistance properties suitable for outdoor applications. However, for outdoor installation with long term direct contact to sunlight, protective coating or jacketing are recommended. The flexibility of AEROFLEX - HT enables quick and easy installation on bent or irregular piping. AEROFLEX - HT is self-extinguished and does not melt when burnt.

AEROFLEX-HT Specificaiton :

Properties		Aeroflex-HT						Test Method
Cell Structure		Closed Cell						-
Density lbs/ft ³ (Kg/m ³)		2.5-5.0 (40-80)						ASTM D 1667
Thermal Conductivity BTU.in/ft ² hr °F (W/ m.K)	Mean Temp	68°F (20°C)	104°F (40°C)	140°F (60°C)	176°F (80°C)	212°F (100°C)	303°F (150°C)	ASTM C 177 EN ISO 8497
	K-Value	0.250 (0.036)	0.263 (0.038)	0.277 (0.040)	0.284 (0.041)	0.305 (0.044)	0.395 (0.057)	
Service Temperature		Up to +150 °C Up to +302 °F						ASTM C 411
Water Absorption		< 10% (by weight)						ASTM D 1056
		< 0.20% (by volume)						ASTM C 209
Ozone Resistance		No Crack						ASTM D 1149 ASTM D 1171
UV Weather Resistance		Very Good						ASTM G 154
Flammability		Self-Extinguishing						ASTM D 635
		Class V-0						UL 94
RoHS		Not Detected						EN Restriction of the Use of Hazardous Substances Directive (RoHS) 2002/95/EC



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AEROFLEX CO., LTD (Total area 100,000 m²)