

AEROFLEX[®]-FO

CLOSED CELL ELASTOMERIC THERMAL INSULATION

Class-0

AEROFLEX[®] - FO No. 1212 Class 0

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No. SR12 Class 0 SIZE 1/2" WALL x 48" WIDTH.



**For high Efficiency of fire
Propagation Performance**



Made in Thailand



Aeroflex-FO is a light weight, flexible closed cell elastomeric thermal insulation in both sheet and tube form designed for insulating liquid cooling and heating pipe lines and also air ducting system to save energy and prevent condensation.

Aeroflex-FO standard sheet and tube elastomeric thermal insulation are widely used to save energy and prevent condensation problem on chilled water and refrigeration systems. They also efficiently reduce heat flow on hot water plumbing, liquid heating and dual temperature piping.

Aeroflex-FO SPECIFICATION

PHYSICAL PROPERTIES ¹		AEROFLEX-FO					TEST METHOD
Cell structure		Closed cell					-
Density lbs/ft ³ (Kg/m ³)		3-5 (48-80)					ASTM D1667
Thermal Conductivity	Mean Temp	0°C	20°C	24°C	40°C	50°C	EN ISO 8497
(W/mk)	K-Value	0.035	0.038	0.039	0.040	0.042	
Service temperature ²		-45°C to + 125°C					Aeroflex-FO becomes hard at -45°C, but can be used even at -200°C
Water Absorption (% by weight)		≤ 10					ASTM D1056
Water Vapor Permeability Perm.in		≤ 0.10					ASTM E96
Flammability		Class 0					BS476 Part 7, 6
<ul style="list-style-type: none"> • Flame Spread • Fire propagation performance 		Class 1					BS476 Part 7
<ul style="list-style-type: none"> - Total Index of performance(I) 		Less than 12					BS476 Part 6
<ul style="list-style-type: none"> - Sub Index(i) 		Less than 6					BS476 Part 6

Note : *1 Figures show the average values obtained by world well-known testing institutes.

*2 At temperature under -45°C, Aeroflex-FO becomes hard but it doesn't affect thermal conductivity value.



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