

3950M

Physical Properties *		Maxflex®					Test Method
Material		Modified EPDM blend with additive					-
Cell Structure		complete closed cell					-
Density lbs./ft. ³ (g/cm ³)		3~5 (0.048 ~ 0.080)					ASTM D 1667
Thermal Conductivity BTU.In/ft ² hr. ^o F (W / mk)	Mean Temp.	-4 ^o F (-20 ^o C)	32 ^o F (0 ^o C)	75 ^o F (24 ^o C)	90 ^o F (32 ^o C)	104 ^o F (40 ^o C)	ASTM C177 JIS A1412 DIN 52613
	K-Value	0.22 0.031	0.23 0.033	0.25 0.036	0.26 0.037	0.27 0.038	
Service Temperature **		-70 degree C - 125 degree C					Maxflex® becomes hard at -57 ^o C but can be used even at -200 ^o C
Water Vapor Permeability (kg./Pa.s.m)		0.10 perm-in (0.15 x 10 ⁻¹²)					ASTM C 355 ASTM E96 ***
UV Resistance		non crack					ASTM G 154
Heat Stability (% shrinkage) at 200 ^o F and 220 ^o F for 7 days		3.5 and 4.5 respectively					ASTM C 534
Fire Performance		class VO					UL - 94
		self-extinguishing					ASTM D 635
		class 1					BS476 Part 7 1987
		class 0					BS476 Part 6 1987
		B2					DIN 4102
Nitrosamine Contents		not detected					BS EN 12868
Fungus Resistance		passed					ASTM G 21
Noise Reduction		36.3 db					DIN 52219
RoHS		compliance					US EPA 3052, 6010B,3060A, 8270C
Flexibility		excellent					-
Compression deflection		2-5 PSI					-
Compression set*****		20-30					SPEED 50 MIN/SEC
Tensile strength		Min. 50 PSI					ASTM D1056
Elongation at break		Min. 125 %					-

- Maxflex® is made from EPDM insulating foam sheet and specially coated with selected acrylic pressure sensitive adhesive to ensure good tacking strength and long service life.
- It is closed cell, light weight; having stable and low thermal conductivity value which serves the insulating purpose in retarding heat loss, heat gain and condensation protection.
- It is ideal for ease and quick installation.
- Just simply wrap onto the hot or cold pipes, or pipe fittings.
- The tape will adhere firmly to all metals without delamination problem.

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