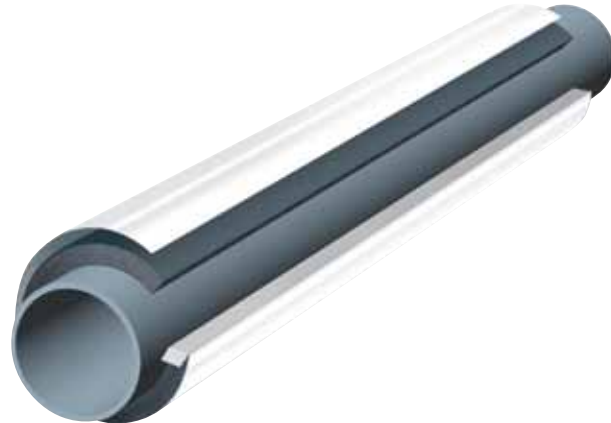
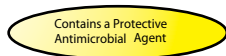


K-Flex Clad® WT

Elastomeric Insulation Clad with White PVC
Laminated to Mylar® Film



FEATURES AND BENEFITS

- Available in both tubes and sheets.
- Comprised of flexible closed-cell elastomeric insulation adhered to an outer covering comprised of an abuse resistant, easy to clean, aesthetic composite white PVC/Mylar® film, providing weather resistance, UV and mechanical abuse protection.
- The unique closure system leaves no through seams, ensuring against moisture penetration.
- Low thermal conductivity, high water vapor diffusion resistance, and reduces under insulation corrosion.
- Eliminates the problem of under insulation corrosion.
- Easy to install and combines long term performance with low maintenance requirements.
- GREENGUARD® Certified for low VOC content.
- Can be used in applications with a temperature range from -297°F to +220°F.

PHYSICAL PROPERTIES OF PVC/MYLAR® FILM LAMINATE MATERIAL

Thickness	0.012"	
Reaction to Fire	25/50	ASTM E 84
Water Vapor Permeability	0.001 perm-in	ASTM E 96
Weather, UV Resistance	Excellent	ASTM G 53
Corrosion Risk	The system provides protection for corrosion under insulation	
Salt Spray Resistance	Excellent	BS 903 F12
Wear Resistance	Excellent	BS 903 A2
Ozone Resistance	Excellent	BS 903 A43
Chemical Resistance	Excellent	Acids, Alcohols, Alkalies, Oils
Emissivity	0.80	ASTM C 1371
Color	White	

PHYSICAL PROPERTIES OF ELASTOMERIC CORE MATERIAL (STANDARD)

Temperature Range/Sheet	-297°F to +220°F	ASTM C 411
Color	Black	
Thermal Conductivity	75°F Mean temp	0.25 BTU-in/hr-ft ² -°F ASTM C 177, ASTM C 518
Water vapor permeability	<0.06 perm-in	ASTM E 96
Water absorption %	<0.2 by volume	ASTM C 209
Resistance to oil & greases	Good	
Density	3 pcf to 4 pcf	ASTM D 1622, ASTM D 3575
Resistance to U.V. & weather	Good	
Odor	Negligible	
Ozone resistance	Good	
% closed cells	>90	
Dimensional Stability	<4.0 % @ 220°F	ASTM C 534
Flame Spread (up to 1-1/2" thickness)	Not greater than 25	ASTM E 84
Smoke Developed (up to 1-1/2" thickness)	Not greater than 50	ASTM E 84
Flexibility	Excellent	

PHYSICAL PROPERTIES OF COMPOSITE SYSTEM

Water Vapor Permeability	0.05 perm-in	ASTM E 96
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