

K-FLEX Clad® Factory Jacketed Products vs. Competitive Jacketing Systems

When considering outdoor applications, all insulation materials require a protective coating or jacketing to protect the insulation from the weather (rain, sleet, hail and wind), UV rays, mechanical abuse, birds and other issues associated with outdoor applications. Some of the same issues can be found on indoor applications, which may also require jacketing.

K-FLEX Clad® factory-jacketed products are unique to the insulation market, offering many advantages over traditional coatings or jacketing systems. The product is manufactured under controlled conditions using automated equipment to exacting tolerances. The K-FLEX Clad® product line comprises a complete system, including pipe (slit and non-slit), sheet, fittings, tape, plastic rivets, and non-adhered jacketing with or without pressure sensitive adhesive (PSA) for special applications and repair work. The K-FLEX Clad® system offers the following advantages over traditional coatings or jacketing systems.

	K-FLEX Clad®	Coatings	PVC Jacket	Metal Jacket	Multi-ply Flexible Jacket	Other Factory-Jacketed Products
Factory-made: 1-piece construction	x					
Flexible	x	x			x	x
Adhered 100% to insulation	x	x			x	x
Glued Seams	x	x	x		x	x
Over-lap Seam	x		x		x	
Factory-Made Tubular form	x					
Available with matching Fittings	x		x	x		
Factory-Made Sheet form	x					x
Available with matching Tape for seams and edges	x			x	x	x
Provides UV Resistance	x	x	x	x	x	x
Mechanical Abuse Protection	x		x	x	x	x
Dent Resistant	x	x	x		x	x
No caulking of seams required	x					x
Water Resistant	x		x	x	x	x
Moisture Vapor Resistance	x	x	x	x	x	x
Limited Maintenance Required	x		x	x	x	x
Easy removal / repair	x			x	x	x
Jacket thickness	.012-.016	.002	.016	.016	varies	.012
UL GREENGUARD for low VOC (Clad WT only)	x					
NSF Approved (Clad WT only)	x					
Mold Resistant	x			x		
Easy-to-clean	x		x			



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High Emissivity (0.80-0.90) for best condensation control	x		x			
Available in white & aluminum	x			x		
Uniform appearance (no ripples / air bubbles / streaks)	x		x	x		x
Faster installation (1-step)	x					x
Total system approach	x					

K-FLEX Clad[®] systems (Clad WT, Clad AL, Clad IN) offer products that combine more overall property advantages with a quick and easy installation to provide the lowest installed cost insulation system with unequaled performance. K-FLEX Clad[®] tubes come in 3-foot lengths for easy handling.

For tube or sheet applications that require a jacket, K-FLEX Clad[®] offers a 1-step, 1-piece construction for both indoor (Clad WT) and outdoor (Clad WT, Clad AL, Clad IN) applications. The K-FLEX system approach assures a good fit, excellent appearance and reliable performance.



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