



Membranes and Jacketing - Product Matrix

		THICKNESS	PERM RATING	Exterior Cladding	Interior Cladding	Low Temp Installation	Self Healing	Puncture Resistance	Vapor Barrier Exterior	Vapor Barrier Interior	Direct Burial Application	Notes:
Cladding Products	<b>Alumaguard</b> Rubberized Asphalt, Self-Healing Weather Barrier, Natural Foil Facing	55-60 MILS	0.0000	1	3	3	1	1	1	3	3	Exterior self-healing - Not 25/50 rated
	<b>Alumaguard Cool Duct</b> Rubberized Asphalt, Self-Healing Weather Barrier, White high emissivity/reflectivity coated	55-60 MILS	0.0000	1	3	3	1	1	1	3	3	Exterior self-healing - Not 25/50 rated
	<b>Alumaguard All Weather</b> Hybrid Acrylic/Rubberized Asphalt Low Temp. Installation Weather Barrier natural foil faced	35-38 MILS	0.0000	1	3	1	2	1	1	3	3	Exterior self-healing - Not 25/50 rated
	<b>Alumaguard All Weather Cool Duct</b> Hybrid Acrylic/Rubberized Asphalt Low Temp. Installation Weather Barrier White high emissivity/reflectivity coated	35-38 MILS	0.0000	1	3	1	2	1	1	3	3	Exterior self-healing - Not 25/50 rated
	<b>Alumaguard Lite</b> Vapor & Weather Barrier with Acrylic Adhesive, natural foil face	7 MILS	0.0000	2	1	1	N/A	2	1	1	N/A	Interior/Exterior 25/50 light abuse
	<b>Alumaguard Lite Cool Duct</b> Acrylic Adhesive Perfect Barrier Vapor & Weather Barrier, White high emissivity/reflectivity coated	8 MILS	0.0000	2	1	1	N/A	2	1	1	N/A	Interior/Exterior 25/50 light abuse

Vapor Barriers	<b>ZeroPerm</b> Multi layer laminate with 1 MIL foil, silver on one side, bright white on the other - Reversible	3.4 MILS	0.0000	N/A		1	N/A	2	3	1	N/A	Zero Perm for under jacket Cold System Vapor Barrier
	<b>InsulWrap 30-SJ</b> Rubberized Asphalt, self-healing Vapor Barrier with recessed scrim reinforcement, white in color	30 MILS	0.0000	N/A		2	1	1	N/A	2	N/A	Zero Perm, Self Healing, under jacket
	<b>InsulWrap 50 Smooth</b> Rubberized Asphalt, self-healing Vapor Barrier, for direct burial white in color	50 MILS	0.0150	N/A		2	1	1	N/A	2	1	Direct burial or under jacket
	<b>InsulWrap 50-SJ</b> Rubberized Asphalt, self-healing Vapor Barrier with recessed scrim reinforcement, black in color	50 MILS	0.0000	N/A		2	1	1	N/A	2	2	
	<b>Insulrap 'No Torch' 125</b> Heavy duty 3 layer black scrim, rubberized Asphalt/foil/rubberized asphalt direct burial	125 MILS	0.0140	N/A		3	1	1	N/A	3	1	Normally used on buried steam lines

Accessory Items

Misc. Products	<b>Alumaguard Air Release Valves</b> One-way air release valves for leaking ducts, to release ballooning	N/A	N/A	1	1		N/A		1	1	N/A	Installed to release air from leaking ducts
	<b>Insulshield</b> Rock shield for suried Insulrap, protection against dirty backfill	15 MILS	N/A				N/A					Puncture Resistance for dirty backfill situations
	<b>OuterWrap</b> Soil stress slip-wrap for buried Insulrap products	2 MILS	N/A					N/A			1	Soil Stress Relief >10" OD
	<b>VaporGuard</b> Self adhesive butyl sealant for use in Vapor Stops, Expansion Joints, and terminations on ammonia systems.	25 MILS	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A

1 = BEST	2 = GOOD	3 = NOT RECOMMENDED
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<http://www.polyguardmechanical.com>

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