

# PermaTherm

## Insulation Innovation

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## MLS 14 VAPOR BARRIER JACKETING

PermaTherm Corporation provides unequalled vapor barrier products to the general building industry, refrigerated and environmental controlled spaces.

Whether your application requires the control of heat transfer, water vapor transmission, dust accumulation or gaseous vapor infiltration, call upon PermaTherm's products to control that application, control your demand, and depend on our products to operate your facility costs effectively for many years of service.

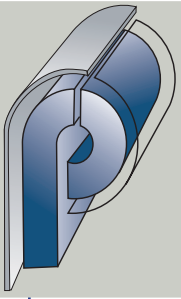
When PermaTherm products are specified you can be sure that you are getting the finest products available to meet your needs.

PermaTherm and its affiliated companies design PermaTherm insulation and vapor barrier systems worldwide. As specialists in this field, we offer a single source of undivided responsibility and an expertise gained through the installation of thousands of PermaTherm systems for over a third of a century.

### ZERO PERM VAPOR BARRIER

MLS 14 provides a permanent vapor barrier that reduces water vapor permeance to a practical zero. Formed by laminating a 1-mil thickness of aluminum (an excellent water vapor barrier) between two thicknesses of DuPont's Mylar (an extremely strong, flexible and tough material) MLS 14 is as flexible and workable as a film, yet it is as strong and durable as a sheet of metal.

MLS 14 Pressure Sensitive Tape is used to seal butt joints of pipe insulation and wall penetrations. Made from standard MLS 14 material with special pressure sensitive adhesive it provides the same strength as MLS 14.



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### CONSTRUCTION

Aluminum foil	.001 mil
Film	.001 mil
Adhesive	flame retardant

### PHYSICAL PROPERTIES

Permeance (MTVR)	ASTM E-96	perms.0000
Service Temp. Range	-100°F to +300°F	
Tensile Strength	20,000 psi	
Bursting Strength	95 psi	
UL File Number	R20722	
Flame Spread (Aluminum)	ASTM E-84 & UL 723	10
Smoke Generation (Aluminum)	ASTM E-84 & UL 723	25
Flame Spread (White)	ASTM E-84 & UL 723	10
Smoke Generation (White)	ASTM E-84 & UL 723	25