

# MesaThane™ 1909-UFR

Laminated Thermoplastic Urethane (TPU)



Laminated Fabrics

Division of  Mesa Industries, Inc  
Since 1967

## Designed for flexibility and fire resistance

MesaThane 1909-UFR is a polyester reinforced urethane laminate. 1909-UFR offers superior fire resistance and self-extinguishing characteristics. It also features excellent chemical resistance, abrasion resistance, tensile strength and flexibility. 1909-UFR is approved for military, mining and other applications requiring fire resistant properties.

1909-UFR	
Base Fabric	polyester
Finished Product	urethane laminate
Weight (FTMS 191A-5041)	15 oz/sq yd
Thickness	.019 in
Standard Width	60 in
Tensile Strength Warp (FTMS 191-A-5100)	197 lb
Tensile Strength Fill (FTMS 191-A-5100)	188 lb
Tear Strength Warp (ASTM D-2261)	53 lb
Tear Strength Fill (ASTM D-2261)	56 lb
Hydrostatic Resistance (FTMS 191-A-5512)	300 psi
Temperature Range	-40°F to 210° F
Fire Resistance	
MIL P- 58102	approved
NFPA 701	approved
MSHA	approved

Values represent nominal average value properties. This information is furnished upon the condition that the person receiving it shall evaluate its suitability for the specific application.

## MSHA Approved

This material has been approved by the Mining Safety & Health Administration



## 1909-UFR Applications

Mining Applications  
Military Applications  
Collapsible Storage Tanks  
Secondary Containment  
Vapor Bladders  
Tank Seals  
Pond Liners  
Environmental Applications  
Medical Applications  
Custom Applications



### Northeast USA

4141 Airport Road  
Cincinnati, OH 45226-1643  
Phone: 513.321.4511  
Fax: 513.321.8178

### Southeast USA

9202 Meadow Vista Blvd.  
Houston, TX 77064-2012  
Phone: 281.469.8098  
Fax: 281.469.9524

### West USA

1726 South Magnolia Ave.  
Monrovia, CA 91016-4595  
Phone: 626.359.9361  
Fax: 626.359.7985