

Industrial Silicone Rubber Coated Fabric



Product Data Sheet

1. Company & Product Information

Company Name:
UniTherm Insulation Systems
711 Jones Street
Lewisville, Texas 75057
p | 800.657.9542 f | 972.436.0112

Product:
Industrial Silicone Rubber Coated Fabric

2. About

A lightweight fiberglass woven fabric coated with a silver-gray silicone rubber to yield a 17 oz cloth. Applications include insulating pads and cover fabrications. Used for weather and temperature protection. Resistance to some chemicals and solvents. Finishes available in silver-gray or red cured silicone rubber. Other silicone colors are available.

3. Specifications

Base Fabric	Fiberglass	
Color/Appearance:	Silver-Gray or Red	
Available Widths, Standard:	60 inches	1.5 meters
Roll Length:	50 yards	45.7 meters
Weave Style:	Crowfoot Twill, 1 up x 3 down	
Construction, Ends x Picks:	48 x 32/sq. in.	18.9 x 12.6/cm
Fabric Weight, Average:	17 (coated) oz/sq. yd.	578 gm/sq m
Fabric Thickness:	0.017 inches	.43 mm
Warp Strength:	275 lb/inch	125 Kg/2.54cm
Fill Strength:	175 lb/inch	79.5 Kg/2.54cm
Abrasion Resistance:	Good	
Temperature Tolerance:	-65°F to 450°F	Base Fabric 1000°F continuous
Base Fabric Certifications:	MIL-Y-1140 at additional cost	MIL-I-24244 at additional cost
Coating Certifications:	n/a	
Oil & Hydrocarbon Certifications:	MIL-C-20696, section 4.4	at additional cost
Solvent Resistance:	n/a	
Sunlight & Age Resistance:	Excellent	
Electrical Properties:	n/a	