

## DARCO Thermo-E-glass fabric **DEF720P1-WR-1520** Description and Advantages

Darco Style **DEF720P1-WR-1520** is a S.S wire reinforced fiberglass fabric with a formulated polyurethane aluminum polymer which provides a heat reflecting surface as well as other properties for the manufacturer of insulation covers, smoke/fire curtain systems, heat shields and other types of fire control systems. The fabric retains excellent tensile strength when meeting high heat shock.



### Application

It's the ideal fabric for insulation covers, smoke/fire curtain systems, heat shields and other types of fire control systems, welding blankets, expansion joints, Non-metallic compensator, and anti-corrosion sector.

<b>Base Fabric</b>			
	<u>Metric</u>	<u>English</u>	<u>Test Methods</u>
<u>Weave</u>	8H Satin	8H Satin	
<u>Yarn</u>			
Warp	EC9 33tex 2 · 2 S.S 316# wire (V4A)	ECG 150 2/2 S.S 316# wire (V4A)	
Weft	EC9 33tex 2 · 2 S.S 316# wire (V4A)	ECG 150 2/2 S.S 316# wire (V4A)	
<u>Construction</u>			
Warp	16.5 ± 1 ends/cm	42 ± 2 ends/inch	
Weft	14.5 ± 1 picks/cm	37 ± 2 picks/inch	
<u>Weight</u>	640 ± 30 g/m <sup>2</sup>	19 ± 0.9 oz./yd <sup>2</sup>	ASTM D3776-96
<u>Thickness</u>	0.58 ± 0.06 mm	0.023 ± 0.002 inch	ASTM D1777-96

<b>Coated Fabric</b>			
	<u>Metric</u>	<u>English</u>	<u>Test Methods</u>
<u>Coating</u>	Polyurethane coated on one side		
<u>Weight</u>	690 ± 30 g/m <sup>2</sup>	20.2 ± 0.88 oz./yd <sup>2</sup>	ASTM D3776-96
<u>Thickness</u>	0.60 ± 0.05 mm	0.025 ± 0.0019 inch	ASTM D1777-96
<u>Colour</u>	Silver Grey		
<u>Flame resistance</u>	YES		NF 92507
<u>Temp resistance</u>	<ul style="list-style-type: none"> <li>• Base fabric up to 750°C for short time</li> <li>• Polyurethane coating up to 180°C</li> </ul>		