

TECHNICAL DATA SHEET

DEF640AL-1520

DESCRIPTION

Darco DEF640AL-1520 is a woven heat treated texturized fiberglass fabric laminated with an aluminum foil on one side. This fabric is designed for the thermal insulation jackets, smoke and fire curtains, blinds, cavitywall fire barriers and other types of fire control systems.

BASE FABRIC

Base fabric style No. TGF580

	<u>(Metric)</u>	<u>(English)</u>	<u>Test methods</u>
Weave	Plain	Plain	
Yarn			
Warp	ET9 430 tex	ETG 11.6	
Weft	ET9 430 tex	ETG 11.6	
Construction			
Warp	8 ± 0.8 ends/cm	20 ± 2 ends/inch	
Weft	5.7 ± 0.6 ends/cm	14 ± 1 ends/inch	
Weight	580 ± 30 g/m ²	17 ± 0.9 oz/yd ²	ASTM D3776-96
Thickness	0.70 ± 0.05 mm	0.028 ± 0.002 inch	ASTM D1777-96

COATED FABRIC

Coating style No. AL122-6005

Coating	Aluminum foil (22 microns) laminated on one side		
Weight	640 ± 30 g/m ²	18.82 ± 0.88 oz/yd ²	ASTM D3776-96
Thickness	0.75 ± 0.04 mm	0.03 ± 0.0002 inch	ASTM D1777-96
Color	Silver		
Flame resistance	Non-combustible		
Working temp	Glass fabric up to 550°C (1000°F) Aluminum foil up to 140°C (300°F)		