

C3® FB45 | 45 mils

TECHNICAL DATA

COATED FABRIC SPECIFICATIONS*

Thickness, overall	45±4 mils
Thickness, over scrim (min)	16 mils
Fabric Backing	3.8 oz polyester fleece
Coating Type	PVC/KEE

Revision Date: 19 Sep 2025
Expiry Date: 19 Sep 2030

PROPERTY		MINIMUM	TYPICAL	TEST METHOD
Tensile Strength, Grab	Warp/Fill	350 / 300 lbs	400 / 380 lbs	ASTM D751A
Tear Strength, Tongue	Warp/Fill	45 / 45 lbs	70 / 60 lbs	ASTM D5884
Puncture Strength (FTMS 101 ^o C)		375 lbs	415 lbs	Method 2031
Abrasion Resistance (H18/1kg)		2,000 cycles	3,000 cycles	ASTM D3884
Ply Adhesion (at Aramid edge)		14 lbs/2"	24 lbs/2"	ASTM D751
Water Absorption		<3%	1%	ASTM D471
Dimensional Stability (1 hr/100 ^o C)		<1%	0.5%	ASTM D1204
Low Temperature Bend		-40 ^o F		ASTM D2136
Ozone Resistance (no cracks)		Pass		ASTM D1149
Properties After Oven Aging (retained)				ASTM D573
Tensile Strength		90% (minimum		ASTM D751A
Tensile Elongation		90% (minimum)		ASTM D871A
Properties after 2 yr Weathering (retained)				
Tensile Strength		90% (minimum		ASTM D751B
Tensile Elongation		90% (minimum)		ASTM D751B
Solar Reflectance (white)		0.86		ASTM C1549
Solar Emittance (white)		0.86		ASTM E408
Solar Reflective Index (white)		108		ASTM E1980

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