

CSP® TPO *Plus* | 45 mils

TECHNICAL DATA

COATED FABRIC SPECIFICATIONS*

Thickness, overall	45±4 mils
Thickness, over scrim (min)	16 mils
Coating Type	TPO

Revision Date: 30 Sep 2025
Expiry Date: 30 Sep 2030

PROPERTY		MINIMUM	TYPICAL	TEST METHOD
Tensile Strength, Grab	Warp/Fill	250 / 275 lbs	345 / 350 lbs	ASTM D751A
Tear Strength, Tongue	Warp/Fill	55 / 55 lbs	140 / 140 lbs	ASTM D5884
Puncture Strength (FTMS 101°C)		275 lbs	350 lbs	Method 2031
Abrasion Resistance (H18/1kg)		2,000 cycles	3,000 cycles	ASTM D3884
Ply Adhesion		30 lbs/2"	40 lbs/2"	ASTM D751
Seam Peel Adhesion		35 lbs/in	50 lbs/in	ASTM D751
Water Absorption		<3%	1%	ASTM D471
Dimensional Stability (1 hr/100°C)		<1%	0.5%	ASTM D1204
Low Temperature Bend		-40°F		ASTM D2136
Ozone Resistance (no cracks)		Pass		ASTM D1149
Properties After Oven Aging (retained)				
Tensile Strength		90% (minimum)		ASTM D751A
Tensile Elongation		90% (minimum)		ASTM D871A
Tear Strength		60% (minimum)		ASTM D5884
Properties after 2 yr Weathering (retained)				
Tensile Strength		90% (minimum)		ASTM D751B
Tensile Elongation		90% (minimum)		ASTM D751B
Solar Reflectance (white)		0.79		ASTM C1549
Solar Emittance (white)		0.87		ASTM E408
Solar Reflective Index (white)		98		ASTM E1980

The information contained herein or that is supplied by us, or on our behalf, is based upon data obtained through our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data, the results obtained from the use thereof, or that any such use will not infringe upon any patent. This information is furnished upon the condition that the person receiving it shall evaluate its suitability for the specific application.