WH300 Plus

COMMERCIAL ROOFING

WH300 *Plus* PVC | 60 mils

TECHNICAL DATA

COATED FABRIC SPECIFICATIONS*	
Thickness, overall	60±6 mils
Thickness, over scrim (min)	19 mils
Coating Type	PVC/KEE

Revision Date: 12 Dec 2021
Expiry Date: 12 Dec 2026

PROPERTY		MINIMUM	TYPICAL	TEST METHOD
Tensile Strength, Grab	Warp/Fill	270 / 240 lbs	335 / 335 lbs	ASTM D751A
Tensile Elongation, Grab	Warp/Fill	15 / 15%	20 / 20%	ASTM D751A
Tear Strength, Tongue	Warp/Fill	45 / 45 lbs	65 / 60 lbs	ASTM D5884
Puncture Strength (FTMS 101^{O}C)		300 lbs	375 lbs	Method 2031
Hydrostatic Resistance		350 psi	425 psi	ASTM D751
Abrasion Resistance (H18/1kg)		2,000 cycles	3,000 cycles	ASTM D3884
Ply Adhesion (at Aramid edge)		25 lbs/2"	30 lbs/2"	ASTM D751
Water Absorption		<3%	<2%	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)				ASTM G90/cycle 1
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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For further information, please contact your W.H. Manufacturing representative.