

A600, A602, A603, A604, A605 & A606 TECHNICAL SPECIFICATIONS

MATERIAL			
BASE FABRIC WEIGHT	238 GSM		
FIBER / DENSITY	3k CARBON		
WEAVE STYLE	2 X 2 Twill		
TEXTURE	Textured/ Flat Surface		
FINISH	Matte/ Semi-Matte/ Gloss Finish		
WEIGHT	10.59 oz/yd ²	359 GSM	
THICKNESS			
TEXTURED	0.021 in	0.52 mm	ASTM D1777
FLAT	0.017 in	0.43 mm	ASTM D1777
ABRASION RESISTANCE			
TABER CS-10	15000 Cycles		ASTM D3884
BREAKING STRENGTH			
WARP	387 lb/in	44 Nm	ASTM D751-A
FILL	416 lb/in	47 Nm	ASTM D751-A
45°	304 lb/in	34 Nm	ASTM D751-A
TENSILE STRENGTH			
WARP	432 lbf	1924 N	ASTM D751-B
FILL	416 lbf	1850 N	ASTM D751-B
45°	147 lbf	656 N	ASTM D751-B
TENSILE STRENGTH			
WARP	22604 PSI	155847 kPa	ASTM D751-B
FILL	21286 PSI	146760 kPa	ASTM D751-B
45°	7656 PSI	52787 kPa	ASTM D751-B
FLEXURAL PROPERTIES			
TOP	6002 mg-cm		BIS IS-6490-1971
BOTTOM	6273 mg-cm		BIS IS-6490-1971
ELONGATION			
WARP	5 %		ASTM D751-B
FILL	5 %		ASTM D751-B
45°	41 %		ASTM D751-B