

# A619, A620, A621, A622, A623 & A624 TECHNICAL SPECIFICATIONS

<b>MATERIAL</b>			
BASE FABRIC WEIGHT	267 GSM		
FIBER / DENSITY	3k CARBON		
WEAVE STYLE	2 X 2 Twill		
TEXTURE	Textured/ Flat Surface		
FINISH	Matte/ Semi-Matte/ Gloss Finish		
<b>WEIGHT</b>	14.13 oz/yd <sup>2</sup>	479 GSM	
<b>THICKNESS</b>			
TEXTURED	0.021 in	0.52 mm	ASTM D1777
FLAT	0.017 in	0.43 mm	ASTM D1777
<b>ABRASION RESISTANCE</b>			
TABER CS-10	10000 Cycles		ASTM D3884
<b>BREAKING STRENGTH</b>			
WARP	563 lb/in	64 Nm	ASTM D751-A
FILL	552 lb/in	62 Nm	ASTM D751-A
45°	405 lb/in	46 Nm	ASTM D751-A
<b>TENSILE STRENGTH</b>			
WARP	567 lbf	2521 N	ASTM D751-B
FILL	594 lbf	2643 N	ASTM D751-B
45°	216 lbf	961 N	ASTM D751-B
<b>TENSILE STRENGTH</b>			
WARP	29393 PSI	202658 kPa	ASTM D751-B
FILL	30803 PSI	212379 kPa	ASTM D751-B
45°	11277 PSI	77752 kPa	ASTM D751-B
<b>FLEXURAL PROPERTIES</b>			
TOP	10945 mg-cm		BIS IS-6490-1971
BOTTOM	8887 mg-cm		BIS IS-6490-1971
<b>ELONGATION</b>			
WARP	7 %		ASTM D751-B
FILL	7 %		ASTM D751-B
45°	57 %		ASTM D751-B