

VINYL COATED POLYESTER FABRICS

PRODUCT SPECIFICATIONS

	10oz	14oz	18.5oz	F/R 18.5oz	22oz
Total Weight oz/yd² FS 191-5041	10oz/yd ²	14oz/yd ²	18.5oz/yd ²	18.5oz/yd ²	22oz/yd ²
Fabric Type	Polyester Woven	Polyester Woven	Polyester Woven	Polyester Woven	Polyester Woven
Thread Count (Warp x Fill)	16 x 16 (1000Dx1000D)	18 x 17 (1000Dx1300D)	18 x 17 (1000Dx1300D)	18 x 17 (1000Dx1300D)	16 x 16 (1500Dx1500D)
Tensile Strength, Grab FS 191-5100 (lbs.)	Warp 335 Fill 315	Warp 410 Fill 410	Warp 410 Fill 410	Warp 410 Fill 410	Warp 500 Fill 500
Tensile Strength, Strip FS 191-5102 (lbs.)	Warp 250 Fill 220	Warp 300 Fill 300	Warp 300 Fill 300	Warp 300 Fill 300	Warp 430 Fill 380
Tear Strength, Tongue FS 191-5134 (lbs.)	Warp 50 Fill 315	Warp 100 Fill 315	Warp 100 Fill 315	Warp 100 Fill 315	Warp 145 Fill 315
Adhesion FS 191-5970 (bs./inch)	Warp 10 Fill 10	Warp 10 Fill 10	Warp 12 Fill 10	Warp 12 Fill 10	Warp 15 Fill 12
Abrasion Resistance FS 191-5306	300 Cycles	375 Cycles	400 Cycles	400 Cycles	600 Cycles
Hydrostatic Resistance FS 191-5512 (bs./inch ²)	At Least 600 PSI	At Least 600 PSI	At Least 600 PSI	At Least 600 PSI	At Least 600 PSI
Cold Crack FS 191-5874	-40° F	-40° F	-40° F	-40° F	-40° F
High Temperature Resistance FS 191-5872	180° F (Does Not Block)	180° F (Does Not Block)	180° F (Does Not Block)	180° F (Does Not Block)	180° F (Does Not Block)
U.V. Resistance Weather-O-Meter	Not Excessive Fading After 300 Hours	Not Excessive Fading After 300 Hours	Not Excessive Fading After 300 Hours	Not Excessive Fading After 300 Hours	Not Excessive Fading After 300 Hours
Flame Resistance / Vertical NFPA 701, Large & CSFM	N/A	N/A	N/A	PASS	N/A