

# ThoroShield

VINYL COATED POLYESTER FABRICS

## PRODUCT SPECIFICATIONS

	10oz	14oz	18.5oz	F/R 18.5oz	22oz
<b>Total Weight oz/yd<sup>2</sup></b> FS 191-5041	10oz/yd <sup>2</sup>	14oz/yd <sup>2</sup>	18.5oz/yd <sup>2</sup>	18.5oz/yd <sup>2</sup>	22oz/yd <sup>2</sup>
<b>Fabric Type</b>	Polyester Woven	Polyester Woven	Polyester Woven	Polyester Woven	Polyester Woven
<b>Thread Count (Warp x Fill)</b>	16 x 16 (1000Dx1000D)	18 x 17 (1000Dx1300D)	18 x 17 (1000Dx1300D)	18 x 17 (1000Dx1300D)	16 x 16 (1500Dx1500D)
<b>Tensile Strength, Grab</b> FS 191-5100 (lbs.)	Warp 335 Fill 315	Warp 410 Fill 410	Warp 410 Fill 410	Warp 410 Fill 410	Warp 500 Fill 500
<b>Tensile Strength, Strip</b> FS 191-5102 (lbs.)	Warp 250 Fill 220	Warp 300 Fill 300	Warp 300 Fill 300	Warp 300 Fill 300	Warp 430 Fill 380
<b>Tear Strength, Tongue</b> FS 191-5134 (lbs.)	Warp 50 Fill 35	Warp 100 Fill 100	Warp 100 Fill 100	Warp 100 Fill 100	Warp 145 Fill 145
<b>Adhesion</b> FS 191-5970 (lbs./inch)	Warp 10 Fill 10	Warp 10 Fill 10	Warp 12 Fill 10	Warp 12 Fill 10	Warp 15 Fill 12
<b>Abrasion Resistance</b> FS 191-5306	300 Cycles	375 Cycles	400 Cycles	400 Cycles	600 Cycles
<b>Hydrostatic Resistance</b> FS 191-5512 (lbs./inch <sup>2</sup> )	At Least 600 PSI	At Least 600 PSI	At Least 600 PSI	At Least 600 PSI	At Least 600 PSI
<b>Cold Crack</b> FS 191-5874	-40° F	-40° F	-40° F	-40° F	-40° F
<b>High Temperature Resistance</b> 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)
<b>U.V. Resistance</b> 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
<b>Flame Resistance / Vertical</b> NFPA 701, Large & CSFM	N/A	N/A	N/A	PASS	N/A

### ALL COLORS OFFERED IN 18.5oz

Call for color availability for 10oz, 14oz, F/R 18.5oz & 22oz

The information and recommendations contained herein are offered as a service to our customers, but are not intended to relieve the user from his responsibility to investigate and understand other pertinent sources of information and to comply with all laws and procedures applicable to the safe handling and use of other materials. The information and recommendations provided herein were believed to be accurate at the time of preparation or obtained from sources believed to be generally reliable. However, we make no warranty concerning their accuracy and will not be liable for claims relating to any party's use of or reliance on information or recommendations contained herein, regardless of whether it is claimed that the information or recommendations are inaccurate, incomplete or otherwise misleading.