

THOROSHIELD[®] FIRE RETARDANT

VINYL LAMINATED POLYESTER FABRICS

PRODUCT SPECIFICATIONS

	13oz	18oz	22oz	27oz	32oz
Total Weight oz/yd² FS 191-5041	13 oz/yd²	18 oz/yd²	22 oz/yd²	27 oz/yd²	32 oz/yd²
Fabric Type	Polyester Woven	Polyester Woven	Polyester Woven	Polyester Woven	Polyester Woven
Thread Count (Warp x Fill)	9x9 (1000DX1000D)	12x12 (1000DX1000D)	14x14 (1000DX1000D)	14x14 (1000DX1000D)	14x14 (1000DX1000D)
Tensile Strength, Grab FS 191-5100(lbs.)	Warp 240 Fill185	Warp 260 Fill205	Warp 216 Fill213	Warp 224 Fill218	Warp 237 Fill210
Tensile Strength, Strip FS 191-5102(lbs.)	Warp 240 Fill185	Warp 260 Fill205	Warp 216 Fill213	Warp 224 Fill218	Warp 237 Fill210
Tear Strength, Tongue FS 191-5134(lbs.)	Warp 90 Fill 100	Warp 95 Fill 110	Warp 87 Fill 83	Warp 88 Fill 73	Warp 90 Fill 83
Adhesion FS 191-5970(bs./inch)	Warp 18 Fill2	Warp 18 Fill2	Warp 16 Fill2	Warp 16 Fill2	Warp 16 Fill2
Abrasion Resistance FS 191-5306	200Cycles	240Cycles	240Cycles	290Cycles	330Cycles
Hydrostatic Resistance FS 191-5512(bs./inch ²)	240PSI	380PSI	440PSI	490PSI	540PSI
Cold Crack FS 191-5874	-22° F	-22° F	-22° F	-22° F	-22° F
High Temperature Resistance FS 191-5872	140° F (Does Not Block)	140° F (Does Not Block)	140° F (Does Not Block)	140° F (Does Not Block)	140° F (Does Not Block)
U.V. Resistance Weather-O-Meter	Not Excessive Fading After 300hrs	Not Excessive Fading After 300hrs	Not Excessive Fading After 300hrs	Not Excessive Fading After 300hrs	Not Excessive Fading After 300hrs
Flame Resistance NFPA 701, Large & CSFM	PASS	PASS	PASS	PASS	PASS

ALL COLORS OFFERED IN 13oz AND 18oz

Call for color availability for 22oz, 27oz, and 32oz

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.