

OdysseyTM FR

Acrylic Coated Flame Retardant Polyester



301 Caribbean Blue



315 Silver Gray



303 Sand



311 Black



309 White



319 Red*



305 Forest Green

OdysseyTM OPEN

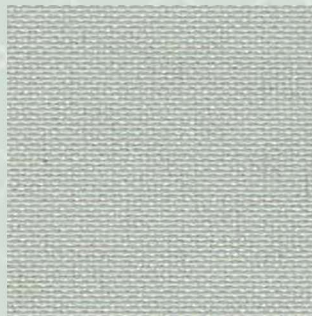
Acrylic Coated Flame Retardant Polyester



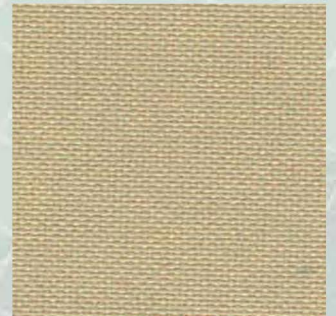
606 Olive Drab



602 White



618 Silver Gray



635 Sand

Marlen Textiles



* Premium Color, subject to change



Odyssey™ FR is an acrylic coated, 100% woven flame retardant polyester fabric (300 denier) with a pad and topcoat. Odyssey™ FR meets many flame retardant specifications, both initial and leaching. That means that unlike other fabrics, you don't have to worry about still meeting a flame specification after it has been exposed to the elements. As part of the Odyssey™ family of economical coated fabrics, it is characterized by excellent strength, durability, tear and abrasion resistance, dimensional stability, UV and mildew resistance at an economical price point. Odyssey™ FR provides flame retardancy without the high cost and weight of heavier fabrics. Odyssey™ FR is perfect for awnings, air ducts, signs, banners, luggage, bags, tents, gazebos, canopies, or any application requiring flame resistance.

Odyssey™ FR, economical and flame retardant. Now that's hot.

Odyssey™ Open is an acrylic coated, 100% woven flame retardant polyester fabric (300 denier) with a pad coat. Its unique coating allows the fabric to be open, providing air and water permeability. Odyssey™ Open meets MVSS-302 to provide some flame retardancy. As part of the Odyssey™ family of economical coated fabrics, it is characterized by excellent strength, durability, tear and abrasion resistance, dimensional stability, UV and mildew resistance at an economical price point. Because of its unique construction, Odyssey™ Open is not for every application, but it is perfect for cots, air ducts, signs, banners, outdoor furniture or any other application requiring openness and flame resistance.

Odyssey™ Open, seeing through to the right fabric.

TECHNICAL DATA

Characteristic	TOP NOTCH™ FR	TOP GUN™ FR	TOP GUN™ FR LITE	ODYSSEY™ FR	ODYSSEY™ OPEN
Width, inches	60	62	62	64	64
Roll Size, yards	50	45	50	100	100
Weight, oz/yard ²	11.5	13.0	8.0	7.25	5.75
Tensile Tear (lbf), Warp x Fill	500 x 240	498 x 300	275 x 200	300 x 240	300 x 215
Tongue Tear (lbf), Warp x Fill	24 x 14	25 x 18	12 x 10	12 x 12	14.5 x 12
Spray Rating	90+	90+	90+	90+	80
3 Drop Rating (cm)	76	70	60	21	n/a
Warranty Period (years)	8	8	5	3	3
Shrinkage (%), Warp x Fill	0 x 0	0 x <1	<1 x <1	0 x <1	<1 x <1.25
Stretch (%), Warp x Fill	<1 x <1	<1 x <1	<1 x <1	<1 x <1.25	<1 x <1.5
Flame Retardant Specification					
MVSS-302	X	X	X	X	X
NFPA 701	X	X	X	X	
California State Fire Marshall	X	X	X	X	
CPAI 84	X	X	X	X	
CAN/ULC-S109-03	X	X	X	X	
FAA/FAR 25.853	X	X	X	X	

Marlen Textiles

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Contact Marlen Textiles for specific details of warranty coverage.
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