

XM FireLine

Flame Retardant fabric for Protective clothing



Quality : **SELENE-7**
 Fabric Weight : 260gsm (±5%)
 Composition : 88% Cotton, 12% Nylon
 Usable Width : 150cm
 Nominal Length : 100cm
 Weave : Twill 3/1
 Application : Workwear light jackets, trousers and coveralls



Washing Instructions :

Do not bleach, do not boil, do not use soap based products only detergents

Physical Properties

	Warp	Weft
Tensile Strength: (BS EN ISO 13934-1:1999)	1100	600
Tear Strength: (BS EN ISO 13937-2:2000)	35	32
Washing Shrinkage: (ISO 5077 after 5 washes ISO 15797)	3%	3%
Abrasion Resistance: (12kPa) (BS EN ISO 12947-2:1999)	>20,000 rubs	
Pilling Resistance: (BS EN ISO 12945-2:2001)	3--4	

Other Properties

Flame retardant

EN ISO 11612 A1 & A2, B1,C1,E1, F1
 EN ISO 11611 :2007 Class 1

Anti static

Electric arc

ASTM F1959 ATPV=11cal/cm2

Colour Fastness

	Light	Mid	Dark	Special colors
	Orange, Yellow	Green, Grey, Royal Box	Dark Navy, Navy, Royal Blue	Black
Wash Fastness BS EN ISO 105-C06: Method E2S (95°C)				
Colour Change	4--5	4--5	4--5	4--5
Stain on Polyester	3--4	4	2--3	2--3
Stain on Cotton	4	4--5	4	3--4
Rub Fastness BS EN ISO 105-X12:1995				
Wet	3--4	3--4	2--3	2--3
Dry	4--5	4--5	3	3--4
Light Fastness BS EN 20105/ISO 105-B02				
Light Fastness	3	3--4	3--4	4

The data quoted is based upon specific materials and tested by sources believed to be reliable and XM Textiles make no guarantee, express or implied as to use, handling or possession of its products.

Authorised by: XM

Quality control department

Date: June 09, 2016

These values are for guidance only, some colours will be better others worse.

Please contact your XM Textiles representative for specific shade details.

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