

Quality : POSEIDON-245 Multi-Risk
Fabric Weight : 245gsm ($\pm 5\%$)
Composition : 80% Cotton, 19% Polyester, 1% Antistatic
Usable Width : 150cm
Nominal Length : 100cm
Weave : Twill 2/2
Application : Workwear 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)	1350 N	600 N
Tear Strength: (BS EN ISO 13937-2:2000)	28 N	24 N
Washing Shrinkage: (ISO 5077 after 5 washes ISO 15797)	3%	3%
Abrasion Resistance: (12kPa) (BS EN ISO 12947-2:1999)	25, 000 rubs	
Pilling Resistance: (BS EN ISO 12945-2:2001)	4	

Other Properties

Flame retardant	EN ISO 11612 A1 & A2, B1,C1,E2, F1 EN ISO 11611 :2007 Class 1
Anti static	EN 1149-5 (1149-3 method 2)
Electric arc	EN 61482-1-2 Class 1 (4kA)
Multi-Risk	EN 13034 (type 6 and PB [6] equipment) Sulphuric acid 30% (IR=3, IP=2) Sodium hydroxide (IR=3, IP=2) o-Xylene (IR= -, IP= -) Butanol-1 (IR=2, IP=1)

Colour Fastness

	Light	Mid	Dark	Special colors
	Orange, Yellow, Red	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: March 14, 2016

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

Please contact your XM Textiles representative for specific shade details.

XM Textiles (Head Office)
 Office 2402-2403, 24-th Floor,
 Zhongyi International Commercial Plaza,
 1833 Zhongshan North Road, Shanghai, China
 Zip 200061
 Telephone: +86 (21) 5240-1156
 www.xmfireline.com

XM Textiles Europe
 Dariaus ir Gireno st. 42A
 Office 510
 Vilnius LT – 02189
 Lithuania
 Telephone: +370 (347) 20299
 www.xmfireline.com

XM Textiles Spain
 Parque Empresarial Prado del Espino
 C/Impresores, 20, oficina A-12
 28660 Boadilla del Monte, Madrid
 Spain
 Telephone: +34 91 060 28 84
 www.xmfireline.com