

Product Range

| Quality | Main Uses | Construction | Weaving Type | Weight | Certifications |
|------------|--|--|--------------|------------------------|--|
| FOREST-582 | Petroleum Refineries, Natural Gas Power Plants, Military, Firefighting, Welding, Electric Facilities | Unique blend of; Meta-Aramid, Para Aramid and Anti-Static fibre | Twill | 210 gr/mt ² | EN ISO 11612 : 2008 A1-A2-B1-C1-F2 EN ISO 11611 : 2007 Class 1 EN 1149-3 : 2004 (EN 1149-5) Pass EN 61482-1.2 : 2007 Class I (4 kA) EN 14362-1 : 2012 Pass |
| ETNA | Flammable Gas Filling, Firefighting, Natural Gas Power Plants, Welding, Petroleum Refineries | Unique blend of; Meta-Aramid, Para-Aramid and Anti-Static fibre | Rip-stop | 190 gr/mt ² | EN ISO 11612 : 2008 A1-A2-B1-C1-F2 EN ISO 11611 : 2007 Class 1 EN 1149-3 : 2004 (EN 1149-5) Pass EN 14362-1 : 2012 Pass |
| BROADWAY | Petroleum Refineries, Natural Gas Power Plants, Electric Arc Flash | Unique blend of; Modacrylic, Cotton and Anti-Static fibre | Twill | 250 gr/mt ² | EN ISO 11612 : 2008 A1-A2-B1-C1 EN 1149-3 : 2004 (EN 1149-5) Pass EN 61482-1.2 : 2007 Class I (4 kA) EN 14362-1 : 2012 Pass |
| BATTERY | Electri Arc Facilities, Automotive Industry, Petro - Chemical and Natural Gas Plants | Unique blend of; Modacrylic, Viscose FR, Aramid with Anti-Static fibre | Rip-stop | 285 gr/mt ² | EN ISO 11612 : 2008 A1-A2-B1-C1-F2 EN ISO 11611 : 2007 Class 1 EN 1149-3 : 2004 (EN 1149-5) Pass EN 61482-1.2 : 2007 Class I (4 kA) EN 14362-1 : 2012 Pass |
| SAHARA | Wildland Firefighters, Search & Rescue Teams | Unique blend of; Para-Aramid, Meta-Aramid and Anti-Static fibre | Twill | 190 gr/mt ² | EN ISO 11612 : 2008 A1-A2-B1-C1 EN 1149-3 : 2004 (EN 1149-5) Pass |
| ITALY | Firefighting, Flammable Gas Filling, Military, Petro-Chemical, Auotomotive Industry | Unique blend of; Meta-Aramid, Para-Aramid and Anti-Static fibre | Twill | 190 gr/mt ² | EN ISO 11612 : 2008 A1-A2-B1-C1-F1 EN 1149-3 : 2004 (EN 1149-5) Pass EN 14362-1 : 2012 Pass |
| WORKER-150 | Shirting for Petroleum Refineries, Oil Station Workers, Natural Gas Power Plants | Unique blend of; Lenzing FR, Para-Aramid, Polyamid and Anti-Static fibre | Rip-stop | 150 gr/mt ² | EN ISO 11612 : 2008 A1-A2-B1-C1-F1 EN 1149-3 : 2004 (EN 1149-5) Pass |
| WORKER-195 | For Hot Climates, Fuel-Oil Stations, Tanker Drivers, Petroleum and Natural Gas Plants, Iron&Steel | Unique blend of; Lenzing FR, Para-Aramid, Polyamid and Anti-Static fibre | Rip-stop | 195 gr/mt ² | EN ISO 11612 : 2008 A1-A2-B1-C1-F1 EN 1149-3 : 2004 (EN 1149-5) Pass |
| WORKER-260 | Welding, Iron&Steel, Glass Industry, Automotive Industry, Mining | Unique blend of; Lenzing FR, Para-Aramid, Polyamid and Anti-Static fibre | Twill | 260 gr/mt ² | EN ISO 11612 : 2008 A1-A2-B1-C1-F1 EN ISO 11611 : 2007 Class 1 EN 1149-3 : 2004 (EN 1149-5) Pass EN 14362-1 : 2012 Pass |
| CONDOR | Linings of Turn-Out Suits and Winter Jackets | Unique blend of; Meta-Aramid and Lenzing FR fibre | Plain | 110 gr/mt ² | EN ISO 14116 : 2008 Index 3 / 5H / 60 |

Call us in countries below or contact us from www.coatsindustrial.com

| Country | Tel. | Country | Tel. |
|----------------|--------------------------|----------------|---------------------|
| Bulgaria | + 359 (2) 976 77 41 / 49 | Romania | + 40 21 316 7229 |
| Czech Republic | + 420 (461) 619853 | Russia | + 7495 5105 184 |
| Egypt | + 2015 372 294 | Slovakia | + 421 2 63537713 |
| France | + 33 3 20 10 63 63 | South Africa | + 27 (31) 736 2171 |
| Germany | + 49 (0) 771 609 0 | Spain | + 34 93 290 84 95 |
| Hungary | + 361 399 4100 | Tunisia | + 216 71 545 870 |
| Italy | + 39 02 636151 | Turkey | + 90 216 425 8810 |
| Morocco | + 212 5 2266 2550 | Ukraine | +38 (044) 586 49 68 |
| Poland | + 48 42 2540400 | United Kingdom | + 44 845 603 0150 |
| Portugal | + 351 227845609 | | |

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FOREST - 582

Light Weight, High Performance



EN ISO
11612



EN
1149-5



EN ISO
11611



EN
61482-1.2

Main Uses: Petroleum Refineries, Natural Gas Power Plants, Military, Firefighting, Welding, Electric Facilities

- Forest-582, provides maximum heat blocking as a firefighter outer shell fabric. This unique, inherently FR, tri-fiber blend woven fabric offers the perfect combination. Forest-582 gives outstanding flame resistance and the light weight makes comfortable products.
- This innovative fabric with its inherent thermal protection, has no shrinkage and keeps its stability in fire or under high temperature. Light and wash fastness is very high, thanks to the dope dyed fibers in the blend.
- It is used by petroleum, petrochemical and utility industries, as well as for firefighters.

FOREST - 582

Light Weight, High Performance



| CERTIFICATIONS | STANDARDS |
|------------------------------------|----------------|
| EN ISO 11612 : 2008 | A1-A2-B1-C1-F2 |
| EN ISO 11611 : 2007 | CLASS 1 |
| EN 1149-3 : 2004 (EN 1149-5) | PASS |
| EN 61482-1.2 : 2007 Class 1 (4 kA) | PASS |
| EN 14362-1 : 2012 | PASS |



| Test | Method | Result |
|---|---|--------------------------------|
| ELECTRIC ARC TEST | EN 61482-1.2 Class 1 (4 kA) | PASS |
| FLAME SPREAD FABRIC AFTER WASH A1 | EN 15025 Met.A:2002 | A1 |
| FLAME SPREAD FABRIC ORIGINAL A1 | EN 15025 Met.A:2002 | A1 |
| FLAME SPREAD FABRIC AFTER WASH A2 | EN 15025 Met.B:2002 | A2 |
| FLAME SPREAD FABRIC ORIGINAL A2 | EN 15025 Met.B:2002 | A2 |
| RADIANT HEAT (AFTER WASHING FABRIC 20KW) | EN ISO 6942:2002 Met.B | B1 |
| CONVECTIVE HEAT (AFTER WASHING FABRIC 80KW) | ISO 9151:1995 Pto.B | C1 |
| CONTACT HEAT AFTER WASHING | ISO 12127 Pto.F | F2 |
| HEAT RESISTANCE 180°C | ISO 17493:2000 | PASS |
| HEAT RESISTANCE 260°C | ISO 17493:2000 | N/A |
| HEAT RESISTANCE | EN ISO 14116 Index 3 | N/A |
| TEAR STRENGTH AFTER WASH. | EN ISO 13937-2:2001 | Warp : 140 N Weft : 130 N |
| TENSILE STRENGTH AFTER WASH. | EN ISO 13934-1:1999+ERRATUM 2000 | Warp : 1300 N Weft : 1200 N |
| BURSTING STRENGTH | EN ISO 13938-2: Hydrostatic Method | N/A |
| SMALL MOLTEN METAL SPLASHES AFTER WASHING | ISO 9150 | Class 1 |
| ELECTRICAL INSULATION AFTER WASHING | EN 1149-2:1998 | 3,32.10 ¹⁰ Ω - PASS |
| CHARGE DECAY AFTER WASHING | EN 1149-3:2004 Met.2 | PASS |
| DETERMINATION OF FORBIDDEN AZO COLORANTS | EN 340:2004; EN 14362-1:2004/AC:2005 | PASS |
| DIMENSIONAL STABILITY FABRIC FOR EACH FABRIC | EN ISO 5077:2008 + ERRATUM:2008 | Warp : - 2,0 % Weft : - 1,0 % |
| COLOUR FASTNESS TO WASHING | EN ISO 105-C06:1997 Method C2S (@ 60 ° C) | 4-5 |
| COLOUR FASTNESS TO DRY CLEAN | EN ISO 105-D01:1995 | 4-5 |
| COLOUR FASTNESS TO RUB FASTNESS | EN ISO 105-X12:1995 | Dry : 4 Wet : 2-3 |
| COLOUR FASTNESS TO PERSPIRATION | EN ISO 105-E04: 2013 | Acid : 5 Alkaline : 5 |
| DETERMINATION OF PH VALUE | EN 3071:06 | 4,10 - PASS |
| MARTINDALE ABRASION | EN 12947-2:1999(9 kPA) | > 15.000 |
| PILLING RESISTANCE (2000 rubs) (After 1 washing @ 60 ° C) | EN ISO 12945-2:2001 | 3 |

FOREST - 582

Light Weight, High Performance



| | |
|---------------------|---|
| FABRIC CONSTRUCTION | Unique blend of; Meta-Aramid, Para-Aramid and Anti-Static fibre |
| WEIGHT | 210 gr/ mt ² |
| WEAVING TYPE | Twill |
| USABLE WIDTH | 150 cm |

Main Uses: Petroleum Refineries, Natural Gas Power Plants, Military, Firefighting, Welding, Electric Facilities

Please contact your sales executive for further information.