

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

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Bulgaria	+ 359 (2) 976 77 41 / 49	Romania	+ 40 21 316 7229
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BATTERY

Unique Performance Against
Electric Arc Flash



EN ISO
11612



EN
1149-5



EN ISO
11611



EN
61482-1.2

Main Uses: Electric Arc Facilities, Automotive Industry, Petro-Chemical and Natural Gas Plants

- EN61482-1.2 Class 1 (4 kA) compliant Battery is inherently thermal-resistant for electric arc protection and supplies the right level of arc protection. This protection lasts for endless washing cycles.
- Battery offers excellent durability that helps to prevent rips and tears, so workers can use the garments for longer time. Workers know that the fabric that their garment is made of is not only compliant, but can stand against the tough jobs they perform.
- It is affordable and comfortable than aramid blends because of Lenzing FR® and other cellulosic components.
- It is widely used by electricians, utility workers, and other industrial workers.

BATTERY

Unique Performance Against Electric Arc Flash



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	PASS
HEAT RESISTANCE	EN ISO 14116 Index 3	N/A
TEAR STRENGTH AFTER WASH.	EN ISO 13937-2:2001	Warp :26 N Weft : 28 N
TENSILE STRENGTH AFTER WASH.	EN ISO 13934-1:1999+ERRATUM 2000	Warp : 870 N Weft : 860 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	2,00.10 ⁹ 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 : - 2,5 % Weft : -2,0 %
COLOUR FASTNESS TO WASHING	EN ISO 105-C06:1997 Method C2S (@ 60 ° C)	4
COLOUR FASTNESS TO DRY CLEAN	EN ISO 105-D01:1995	4
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	6,30 - 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	2-3

BATTERY

Unique Performance Against Electric Arc Flash



FABRIC CONSTRUCTION	Unique blend of; Modacrylic, Viscose FR, Aramid with Anti-Static fibre
WEIGHT	250 gr/ mt ²
WEAVING TYPE	Rip-stop
USABLE WIDTH	150 cm

Please contact your sales executive for further information.

Main Uses: Electric Arc Facilities, Automotive Industry, Petro-Chemical and Natural Gas Plants