

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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ETNA Outer Shell for Turn-out Suits



EN ISO
11612



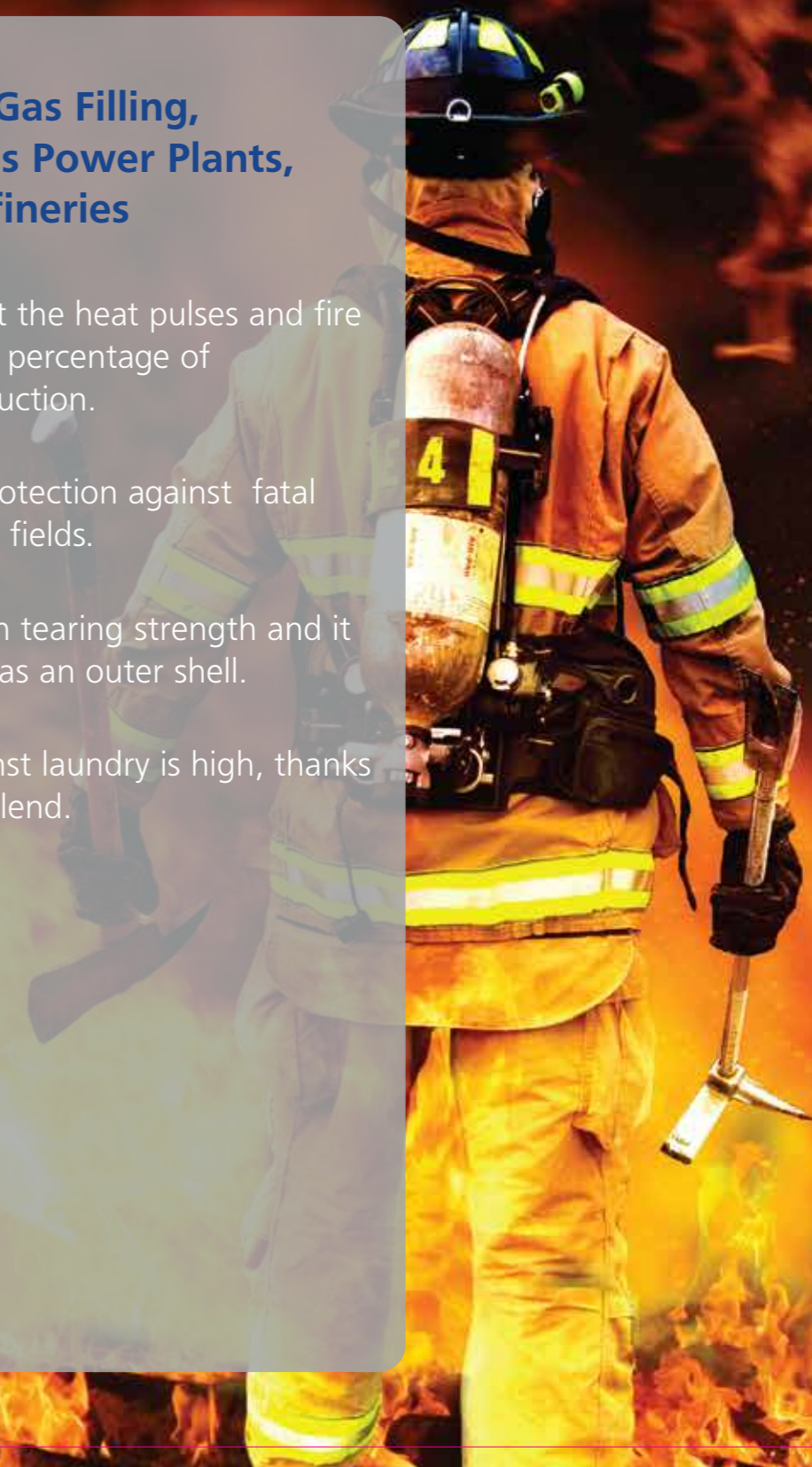
EN
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EN ISO
11611

Main Uses: Flammable Gas Filling, Firefighting, Natural Gas Power Plants, Welding, Petroleum Refineries

- Etna has high durability against the heat pulses and fire explosion, because of the high percentage of para-aramide fibre in its construction.
- It is the suitable solution for protection against fatal hazards that could occur in oil fields.
- The rip-stop weaving gives high tearing strength and it is used for the firefighter suits as an outer shell.
- Light and colour fastness against laundry is high, thanks to the dope dyed fibres in its blend.



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Outer Shell for Turn-out Suits



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 14362-1 : 2012	PASS



Test	Method	Result
ELECTRIC ARC TEST	EN 61482-1.2 Class 1 (4 kA)	N/A
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	PASS
HEAT RESISTANCE 180°C	ISO 17493	N/A
HEAT RESISTANCE	EN ISO 14116 Index 3	N/A
TEAR STRENGTH AFTER WASH.	EN ISO 13937-2:2001	Warp : 110 N Weft : 97 N
TENSILE STRENGTH AFTER WASH.	EN ISO 13934-1:1999+ERRATUM 2000	Warp : 1100 N Weft : 1100 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	9,20.10 ⁶ 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 : - 1,0 % Weft : - 2,5 %
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 : 4-5 Alkaline : 4-5
DETERMINATION OF PH VALUE	EN 3071:06	4,30 - 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	3

ETNA

Outer Shell for Turn-out Suits



FABRIC CONSTRUCTION	Unique blend of; Meta-Aramid, Para-Aramid and Anti-Static fibre
WEIGHT	190 gr/ mt ²
WEAVING TYPE	Rip-stop
USABLE WIDTH	150 cm

Main Uses: Flammable Gas Filling, Firefighting, Natural Gas Power Plants, Welding, Petroleum Refineries

Please contact your sales executive for further information.