

FORT 450

NON FLAMMABLE FABRIC



DESCRIPTION:

Comfortable protection against fire and heat.

COLORS:

a) Standard Colors



Black

b) Customized colors



STANDARD 100 2005AN4269 AITEX



STANDARD 100 2022OK2884 AITEX

EN 11612



Article
FORT
450

| | |
|---------------------|---------------------------|
| Composition | 45% SI 39% PREOX 16% P-AR |
| Weave | Coated fabric |
| Weight | 450 ± 5% |
| Usable width | 143 cm |

| Technical Specs | Results | Standard |
|-----------------------------------|------------|----------------------|
| Heat Resistance (180°C) | PASS | ISO 17493 |
| Limited Flame Spread (H) | A1 | UNE-EN ISO 15025 (A) |
| Convective Heat (s) | B1 | UNE-EN ISO 9151 |
| Radiant Heat (s) | C1 | UNE-EN ISO 6942 |
| Molten Metal Splashes (Aluminium) | D3 | UNE-EN ISO 9185 |
| Molten Metal Splashes (Iron) | E3 | UNE-EN ISO 9185 |
| Contact Heat | F1 | UNE-EN ISO 12127-1 |
| Welding and allied processes | CLASS 2 | UNE-EN ISO 11611 |
| Tensile Strength Warp (N) | 1340 ± 10% | UNE-EN ISO 13934-1 |
| Tensile Strength Weft (N) | 1100 ± 10% | UNE-EN ISO 13934-1 |
| Tear Resistance Warp (N) | 30 (-5 N) | UNE-EN ISO 13937-2 |
| Tear Resistance Weft (N) | 45 (-5 N) | UNE-EN ISO 13937-2 |
| Dimensional Change Warp (%) | < 3% | UNE-EN ISO 5077 |
| Dimensional Change Weft (%) | < 3% | UNE-EN ISO 5077 |

Testing done at internal laboratory

Rev.0



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| Color Fastness | | Change | AC | CO | PA | PES | PC | WO |
|---------------------|--------------------|--------|------|----------|------|-----|------|----|
| Washing | ISO 105 C06 at 60° | | | | | | | |
| Dry Cleaning | ISO 105 D01 | | | | | | | |
| Acid Perspiration | BS EN ISO 105 E04 | | | | | | | |
| Alkali Perspiration | BS EN ISO 105 E04 | | | | | | | |
| Artificial Light | EN ISO 105 B02 | | | | | | | |
| | | Change | | Staining | | | | |
| Dry Rubbing | EN ISO 105 X12 | | | | | | | |
| | | Change | | Staining | | | | |
| | | Dry | Damp | Dry | Damp | Dry | Damp | |
| Hot Pressing | EN ISO 105-X11 | | | | | | | |

Testing done at internal laboratory

