



450 gr/m², 100% Cotton,
VAT Dyed,
Flame Retardant
(100 Wash Resistant),
4/1 Satin Fabric



Sample



ArWoWear T12 Flame Pro -
5323 OrangeArWoWear T12 Flame Pro -
5324 RedArWoWear T12 Flame Pro -
5325 NavyArWoWear T12 Flame Pro -
5326 Grey

Description

ArWoWear T12 Flame Pro is heavy weight 450 gr/m², 100% cotton, vat dyed, flame retardant workwear fabric. It has flame retardant function with EN ISO 11612 and EN ISO 11611 certification. It is durable up to 100 washing. Suitable for Shipyard welders in cold climates.

Technical Parameters

| Name | Values | Standards |
|---------------------------|------------------------------|------------------|
| Fiber | 100% Cotton (CO) | EN ISO 2076 |
| Yarn | Warp:16/2Ne; Weft:16/2Ne | EN ISO 2060 |
| Weight | 450 ±20 gr/m ² | EN ISO 3081 |
| Width | 1600 ±20 mm | EN ISO 3932 |
| Tensile Strength | Warp>2000N; Weft>1400N | EN ISO 13934-1 |
| Tear Strength | Warp>35N; Weft>30N | EN ISO 13937-2 |
| Dimensional Change | -3%<Length<+3%;-3%<Width<+3% | EN ISO 5077 |
| Rubbing Fastness | 4-5 | EN ISO 105 X12 |
| Perspiration Fastness | 4-5 | EN ISO 105 E04 |
| Washing Fastness | 4-5 | EN ISO 105 C06 |
| Dry Cleaning Fastness | 4-5 | EN ISO 105 D01 |
| Hypochlorite Fastness | 4-5 | EN ISO 105 N01 |
| Peroxide Fastness | 4-5 | EN ISO 105 N02 |
| Hot Press Fastness | 4-5 | EN ISO 105 X11 |
| Light Fastness | 6-7 | EN ISO 105 B02 |
| Perspiration Light Fast. | 4-5 | EN ISO 105 B07 |
| pH | 6.0 | EN ISO 3071 |
| Azo Test | No Azo Colorants. | EN ISO 14362-1 |
| Application | Flame Retardant Coveralls | |
| Quality Management | Done | ISO 9001 |
| Flame and Heat Protection | Yes | EN ISO 11612 |
| Welding Protection | Yes | EN ISO 11611 |
| Arc Protection | Class 1 (4kA) | EN ISO 61482-1-2 |
| ATPV | > 20 cal/cm ² | EN ISO 61482-1-1 |