



150 gr/m<sup>2</sup>, 99% Cotton  
1% Carbon, VAT Dyed,  
Flame Retardant  
(100 Wash Resistant),  
Antistatic, 1/1 Plain Fabric



Sample



### Description

ArWoWear T0 Flame Arc Pro is 150 gr/m<sup>2</sup>, 99% Cotton 1% Carbon, vat dyed, flame retardant, antistatic shirt fabric. It has flame retardant function with EN ISO 11612 certification.  
 Due to carbon fibers used on the back side of the fabric it has antistatic certification (EN 1149-5).  
 It is durable up to 100 washing.

### Technical Parameters

| Name                      | Values                            | Standards      |
|---------------------------|-----------------------------------|----------------|
| Fiber                     | 99% Cotton (CO)<br>1% Carbon (CF) | EN ISO 2076    |
| Yarn                      | Warp:60/2Ne;<br>Weft:60/2Ne       | EN ISO 2060    |
| Weight                    | 150 ±10 gr/m <sup>2</sup>         | EN ISO 3081    |
| Width                     | 1600 ±20 mm                       | EN ISO 3932    |
| Tensile Strength          | Warp>800N; Weft>600N              | EN ISO 13934-1 |
| Tear Strength             | Warp>20N; Weft>15N                | 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 Shirt             |                |
| Quality Management        | Done                              | ISO 9001       |
| Antistatic                | Yes                               | EN ISO 1149-5  |
| Flame and Heat Protection | Yes                               | EN ISO 11612   |

**ArWoWear T0 Flame+Arc Pro -  
5344 Navy**



**ArWoWear T0 Flame+Arc Pro -  
5345 White**

