



Flame Retardant fabric for FR-clothing

# Wulkan-330

100% COTTON

330 GSM / TWILL 3/1



|                     |              |
|---------------------|--------------|
| Fabric name         | Wulkan-330   |
| Fabric weight       | 330 ± 10 gsm |
| Composition         | 100% Cotton  |
| Full width          | 152 ± 2 cm   |
| Weave               | Twill 3/1    |
| Finishes            | FR           |
| Application         | FR-clothing  |
| Washing instruction |              |

## FR & SPECIAL PROPERTIES

|                 |                                    |                  |
|-----------------|------------------------------------|------------------|
| Flame retardant | ISO 11612 (A1, A2, B1, C1, E1, F1) | 50×60°C ISO 6330 |
|                 | ISO 11611 (Class 1)                | 50×60°C ISO 6330 |

## PHYSICAL PROPERTIES

|                                       |                    | warp     | weft |
|---------------------------------------|--------------------|----------|------|
| Tensile strength, N                   | ISO 13934-1:1999   | 1056     | 680  |
| Tearing strength, N                   | ISO 13937-2:2000   | 21       | 26   |
| Dimensional Stability To Washing, max | ISO 5077-ISO 15797 | <3%      |      |
| Abrasion Resistance                   | ISO 12947-2:1999   | > 20 000 |      |
| Pilling Resistance                    | ISO 12945-2:2001   | N/A      |      |

## COLOUR FASTNESS

|                                 |                  |                    | Light               | Mid                     | Dark                        | Special colors |
|---------------------------------|------------------|--------------------|---------------------|-------------------------|-----------------------------|----------------|
|                                 |                  |                    | Orange, Yellow, Red | Green, Grey, Royal Blue | Dark Navy, Navy, Royal Blue | Hi-Vis Yellow  |
| Wash Fastness Method E2S (95°C) | ISO 105-C06      | Colour Change      | n/a                 | n/a                     | 4-5                         | n/a            |
|                                 |                  | Stain on Polyester | n/a                 | n/a                     | n/a                         | n/a            |
| Rub Fastness                    | ISO 105-X12:1995 | Wet                | n/a                 | n/a                     | 4                           | n/a            |
|                                 |                  | Dry                | n/a                 | n/a                     | 4-5                         | n/a            |
| Light Fastness                  | ISO 105-B02      |                    | n/a                 | n/a                     | n/a                         | n/a            |

\* Tested in a non-accredited laboratory. \* N/A - not applicable. [www.xmtextiles.com](http://www.xmtextiles.com)

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