



330 gr/m2, 49% Polyester  
50% Cotton 1% Carbon  
High Visible, Flame Retardant,  
Antistatic, Chemical Resistant,  
4/1 Satin Woven Fabric



Sample



**ArGiyim Sultan - 5203  
High Visible Yellow****ArGiyim Sultan - 5204  
High Visible Orange****ArGiyim Sultan - 5205  
High Visible Red**

The technical data on this guide is given for information and correct at the time of design. It can be changed without prior notice.

## Description

49% Polyester 50% Cotton 1% Carbon PolyCotton High visible, Flame Retardant, Antistatic, Chemical resistant satin fabric. The front side of the fabric is 100% Polyester which is ultra durable for work conditions and light, the back side of the fabric is cotton which provides breathability to the user.

ArGiyim 245 are used for outdoor jackets, safety jackets, pans and trousers.

Certified for EN ISO 20471, EN 11612, EN 1149-5, EN 61482 and EN 13034

## Technical Parameters

| Name                      | Values                                                  | Standards        |
|---------------------------|---------------------------------------------------------|------------------|
| Fiber                     | 49% Polyester (PES)<br>50% Cotton (CO)<br>1%Carbon (CF) | EN ISO 2076      |
| Yarn                      | 300 Denier + 10/1 Ne                                    | EN ISO 2060      |
| Weight                    | 330 ±10 gr/m <sup>2</sup>                               | EN ISO 3081      |
| Width                     | 1600 ±20 mm                                             | EN ISO 3932      |
| Tensile Strength          | Warp>2000N; Weft>800N                                   | 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   |
| Hot Press Fastness        | 4-5                                                     | EN ISO 105 X11   |
| pH                        | 6.0                                                     | EN ISO 3071      |
| Azo Test                  | No Azo Colorants.                                       | EN ISO 14362-1   |
| Application               | Hi Vis Pans                                             |                  |
| Quality Management        | Done                                                    | ISO 9001         |
| High Visibility           | Done                                                    | EN ISO 20471     |
| Chemical Resistant        | Done                                                    | EN ISO 13034     |
| Heat and Flame Protection | Done                                                    | EN ISO 11612     |
| Antistatic                | Done                                                    | EN ISO 1149-5    |
| Arc Protection            | (Class 1)                                               | EN ISO 61482-1-2 |