



220 gr/m<sup>2</sup>, 80% Cotton  
20% Stainless Steel,  
EMI shielding,  
Pique knit fabric



## Sample



**ArShirt EMK - 6031  
White**



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**

80% Cotton 20% Stainless Steel emi shielding pique knit fabric.  
 ArShirt EMK fabrics can be used as emi shielding for walls and baby cloth by reducing all kind of electrectromagneic waves. Another application is conductive clothing for live line workers, anti-radar applications for military cages, ani-stress, and pain reducer bandages.  
 ArShirt EMK is certified as 60895 for line workers clothing.

**Technical Parameters**

Name	Values	Standards
Fiber	80% Polyester (PES) 20% Stainless Steel (MTF)	EN ISO 2076
Yarn	40/2 Ne	EN ISO 2060
Weight	220 ±15 gr/m <sup>2</sup>	EN ISO 3081
Width	1800 ±20 mm	EN ISO 3932
Bursting Strength	> 1500 kPa(kN/m <sup>2</sup> )	EN ISO 13938-1
Dimensional Change	-5%<Length<+5%;-5%<Width<+5%	EN ISO 5077
Rubbing Fastness	4-5	EN ISO 105 X12
Perspiration Fastness	2-3	EN ISO 105 E04
Washing Fastness	4-5	EN ISO 105 C06
Dry Cleaning Fastness	4-5	EN ISO 105 D01
Hypochlorite Fastness	2-3	EN ISO 105 N01
Peroxide Fastness	3-4	EN ISO 105 N02
Hot Press Fastness	4-5	EN ISO 105 X11
Light Fastness	4	EN ISO 105 B02
Perspiration Light Fast.	2-3	EN ISO 105 B07
pH	4.0-9.0	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Faraday Cage Suits	
Quality Management	Done	ISO 9001
Line Workers	Done	IEC 60895