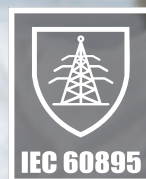


# ArEMK

EMI Shielding  
Antiradar  
Antistress  
High voltage protection  
Conductive (faraday cage)  
Fabrics



Emi Shielding



IEC 60895



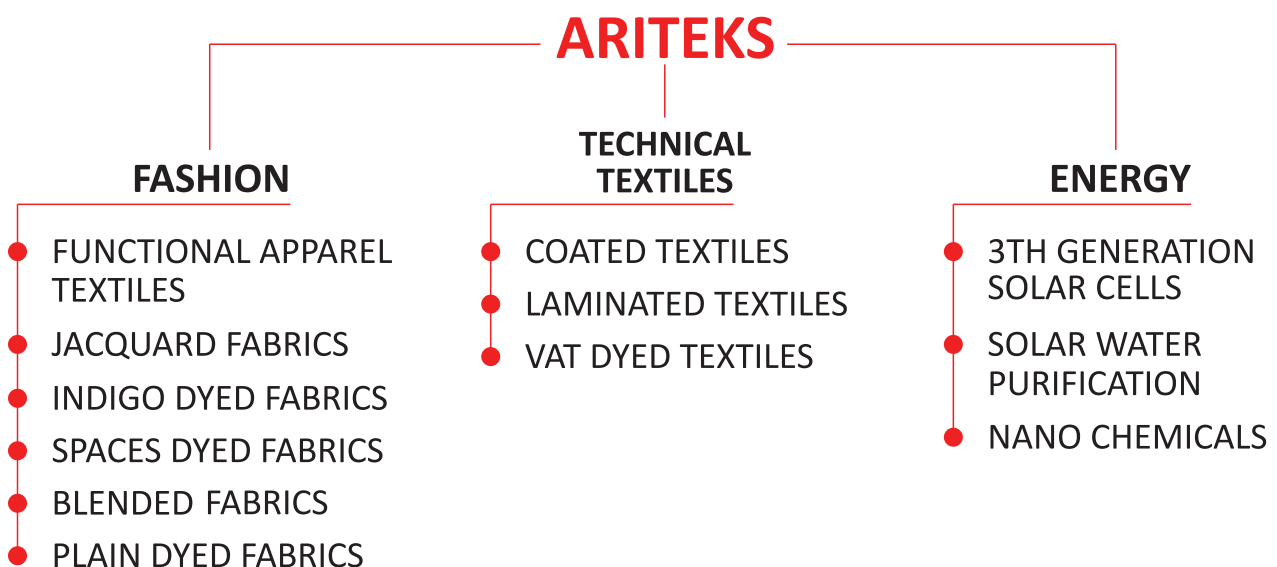
Ariteks, founded as a family owned business in 1975, is the leading textile manufacturer company both in fashion and technical textiles.

By continuously developing high-end technologies it provides solutions to end users in apparel, protective workwear, functional sport, medical wear as well as technical textiles in construction and transportation industries.

As the pioneer company in special dyeing methods like indigo, vat, space-dye, coating and laminating systems, Ariteks produces highest-quality fabrics both for international and domestic markets.

Ariteks uses clean and renewable energy resources. It consumes minimum amount of water by using continuous optimised systems.

Based in 14000m<sup>2</sup> with 12 separate in house R&D laboratories, the company spends 5% of its budget for research and developing future technologies. It focuses especially on 3rd generation solar cells on flexible fabrics and biosensing textiles.



## CONTENT

<b>1</b>	<b>ArWoWear T4 EMK</b> 200 gr/m <sup>2</sup> , 55% Polyester 25% Cotton 20% Stainless Steel, 2/1 S Twill Fabric	 	4-5
<b>2</b>	<b>ArShirt EMK</b> 220 gr/m <sup>2</sup> , 80% Polyester 20% Stainless Steel, Pique knit fabric	 	6-7



200 gr/m<sup>2</sup>, 55% Polyester  
25% Cotton 20% Stainless Steel,  
EMI shielding, Conductive  
2/1 S Twill Fabric



## Sample





**ArWoWear T4 EMK - 6029  
White**



**ArWoWear T4 EMK - 6144  
Black**



**Description**

55% polyester 25% Cotton 20% Stainless Steel emi shielding twill fabric.  
 Arwowear T4 EMK fabrics can be used as emi shileding for walls and baby cloth by reducing all kind of elecrectromagneic waves. Another application is conductive clothing for live line workers, anti-radar applications for military cages, ani-stress, and pain reducer bandages.  
 Arox T4 Antibac is certified as 60895 for line workers clothing.

**Technical Parameters**

Name	Values	Standards
Fiber	55% Polyester (PES) 25% Cotton (CO) 20% Stainless Steel (MTF)	EN ISO 2076
Yarn	40/2 Ne	EN ISO 2060
Weight	200 ±5 gr/m <sup>2</sup>	EN ISO 3081
Width	1600 ±20 mm	EN ISO 3932
Tensile Strength	Warp>900N; Weft>700N	EN ISO 13934-1
Tear Strength	Warp>25N; Weft>20N	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	3-4	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	2-3	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



220 gr/m<sup>2</sup>, 80% Polyester  
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% Polyester 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

# Fashion Fabrics



# Technical Fabrics

  <b>BUILDING</b>	  <b>HOME</b>	  <b>PROTECTION</b>	  <b>MEDICAL</b>	  <b>SPORT</b>	  <b>TRANSPORT</b>
  <b>GEOLOGY</b>	  <b>PACKAGE</b>	  <b>CLOTH</b>	  <b>AGRICULTURE</b>	  <b>ENVIRONMENT</b>	  <b>MACHINE</b>

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