

# Aramid Knit

Inherent Flame Retardant  
Aramid Knit Workwear Fabrics



Heat and Flame  
Protection

EN 11612



Electrical Arc  
Protection

EN 61482



Antistatic

EN 1149-5



1975  
**ARITEKS**  
FUNCTION FOR FLEXIBLE FABRICS

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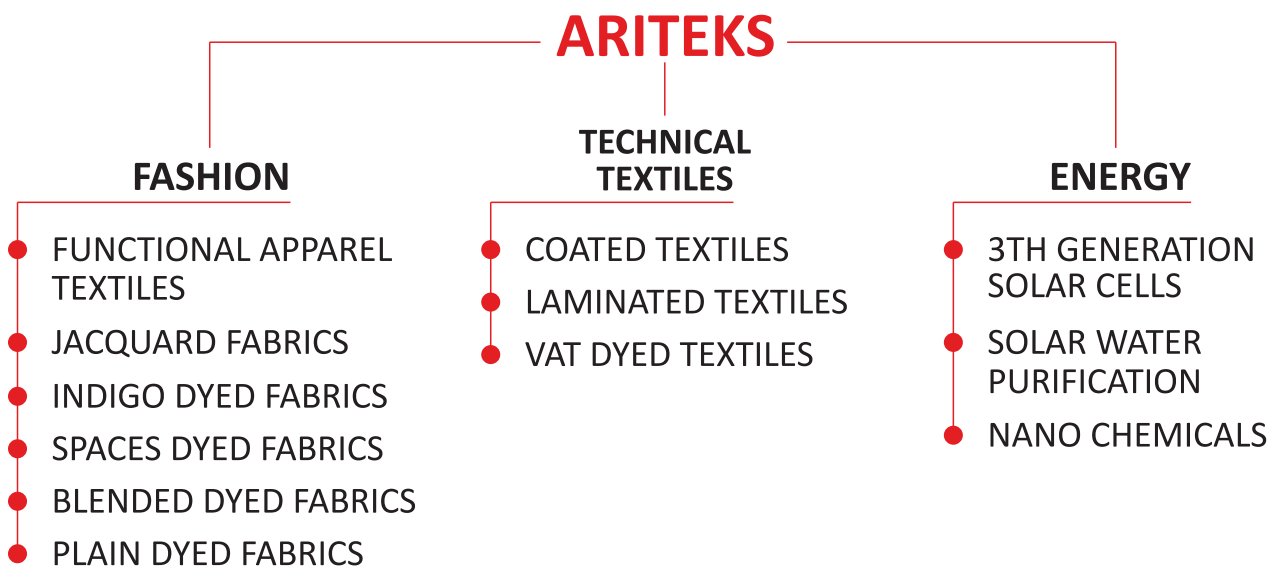
Ariteks, founded as family owned business in 1975, is the leading textile manufacturer company both in fashion and technical textiles.

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 4000m<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

**1** **Aramid D50 Pike**

220 gr/m<sup>2</sup>, 93% m-Aramid 5% p-Aramid 2% Carbon,  
Pique Knit Fabric



4-5



220 gr/m<sup>2</sup>, 93% m-Aramid  
5% p-Aramid 2% Carbon,  
Inherent Flame Retardant,  
Antistatic Pique Knit Fabric



## Sample



**Aramid D50 Pike - 5689  
Navy****Aramid D50 Pike - 5690  
Grey**

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

93% m-Aramid 5% p-Aramid 2% Carbon, inherent flame retardant antistatic pique knit fabric.

Aramid D50 Pike fabric is universal flame retardant knit fabric for many applications.

Aramid D50 Pike is inherent flame retardant with EN 11612 certification.

Suitable for antistatic applications, certified for EN ISO 1149.

It provides arc flash protection with EN 61482 class 1 (4 kA) certification.

## Technical Parameters

Name	Values	Standards
Fiber	93% m-Aramid (m-AR) 5% p-Aramid (p-AR) 2% Carbon (CF)	EN ISO 2076
Yarn	40/2 Ne Combed	EN ISO 2060
Weight	220 ±5 gr/m <sup>2</sup>	EN ISO 3081
Width	1800 ±20 mm	EN ISO 3932
Bursting strength	> 1200 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	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	4-5	EN ISO 105 B02
Perspiration Light Fast.	4-5	EN ISO 105 B07
pH	4.0-7.5	EN ISO 3071
Azo Test	No Azo Colorants.	EN ISO 14362-1
Application	Flame Retardant Universal Shirt	
Quality Management	Done	ISO 9001
Flame and Heat Protection	Done	EN ISO 11612
Antistatic	Done	EN ISO 1149-5
Arc Protection	Class 1 (4kA)	EN ISO 61482-1-2
ATPV	> 7 cal/cm <sup>2</sup>	EN ISO 61482-1-1



1975

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**FUNCTION FOR FLEXIBLE FABRICS**



























**PROTECTION**



# 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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