# ArCadir 520

## Ecological Flame Retardant Canvas Fabric for Tents

Antibacterial

EN 343

EN 14116

EN 4920

| Antibacterial | Waterproof | Flame Retardant | Water and Oil Repellent |
|---|---|---|---|

1975
ARITEKS
FUNCTION FOR FLEXIBLE FABRICS

**Phone:** +90 212 538 05 98
**Fax:** +90 212 537 08 46
**E-Mail:** support@ariteksinfo.com
**Web:** www.ariteks.net

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 4000m² 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.

## ARITEKS

### FASHION

- FUNCTIONAL APPAREL TEXTILES
- JACQUARD FABRICS
- INDIGO DYED FABRICS
- SPACES DYED FABRICS
- BLENDED DYED FABRICS
- PLAIN DYED FABRICS

### TECHNICAL TEXTILES

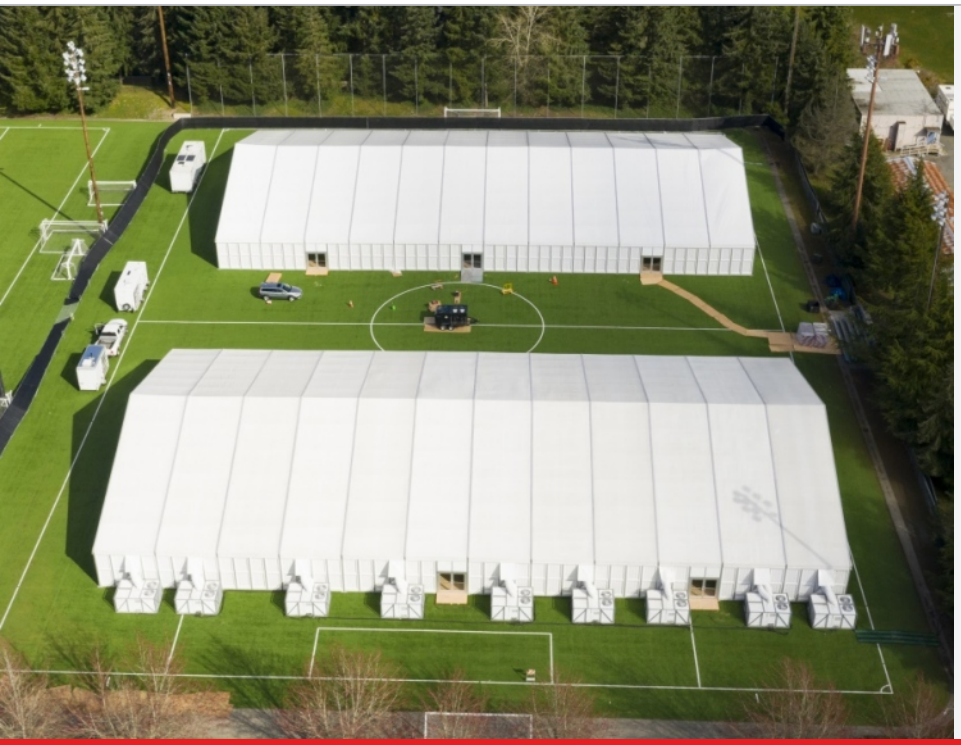
- COATED TEXTILES
- LAMINATED TEXTILES
- VAT DYED TEXTILES

### ENERGY

- 3TH GENERATION SOLAR CELLS
- SOLAR WATER PURIFICATION
- NANO CHEMICALS

## CONTENT

1 **ArÇadır 520**
520 gr/m², 100% Cotton, Tent fabric
EN 4920 | Antibacterial | EN 343 | EN 14116
4-5



EN 4920

Antibacterial

EN 14116

EN 343

520 gr/m², 100% Cotton, Flame Retardant, Antifungal, Waterproof tent fabric

CONFIDENCE IN TEXTILES
Tested for harmful substances
according to Oeko-Tex Standard 100

Sample

40

**ArÇadır 520 - 5686**
**Natural**

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

ArÇadir 520 is 100% cotton flame retardant tent fabric.
Due to cotton content its ecological choise on tent production. It is used as military and disaster tent application.
The fabric is tested for waterproof and antifungal functions.

## Technical Parameters

| Name | Values | Standards |
|---|---|---|
| Fiber | 100% Cotton (CO) | EN ISO 2076 |
| Yarn | Warp:8/2Ne; Weft:8/2Ne | EN ISO 2060 |
| Weight | 520 ±20 gr/² | EN ISO 3081 |
| Width | 1500 ±20 mm | EN ISO 3932 |
| Tensile Strength | Warp>2000N; Weft>1100N | EN ISO 13934-1 |
| Tear Strength | Warp>60N; Weft>110N | EN ISO 13937-4 |
| pH | 4.0-9.0 | TS EN ISO 3071 |
| Sulfur Amount | None | TS 3596:1981/Madde 2.3.5 |
| Waterproof | >450mm H20 | TS 257 EN 20811 |
| Waterproof after 72 hour in water | >450mm H20 | TS 257 EN 20811 |
| Antifungal | Yes | ISO 11721-1 |
| Flame Retardant | Yes | ISO 6940; ISO 6941 |
| Water Repellent | ISO 5 | EN 24920 |
| Azo Test | No Azo Colorants. | EN ISO 14362-1 |
| Application | Military Tents | |
| Quality Management | Done | ISO 9001 |

# BUILDING

1975

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FUNCTION FOR FLEXIBLE FABRICS

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FUNCTION FOR FLEXIBLE FABRICS

## Fashion Fabrics

## Technical Fabrics

- BUILDING
- HOME
- PROTECTION
- MEDICAL
- SPORT
- TRANSPORT
- GEOLOGY
- PACKAGE
- CLOTH
- AGRICULTURE
- ENVIRONMENT
- MACHINE


**Headquarters**
Hekimsuyu Cad. No:36
Kucukkoy/Gaziosmanpasa 34250 Istanbul/Turkey
**Phone:** +90 212 538 05 98-99
**E-Mail:** support@ariteksinfo.com
**Web:** www.ariteks.net

**Factory**
Velimese OSB Mah. 210. Sokak No:9/8
Ergene 59930 Tekirdag / Turkey
**Phone:** +90 282 676 41 90
**E-Mail:** support@ariteksinfo.com
**Web:** www.ariteks.net