

海宁杜勒泰新材料有限公司  
HAINING DULETAI NEW MATERIAL CO.,LTD

# DURASUNTEX

## DLT-AH1000 Series

## 100% Solution Dyed Acrylic Solar Fabric Collection

### »» TEFLON PTFE TREATMENT

Our material has Teflon<sup>®</sup> PTFE treatment, the acrylic fiber is soaked with a Teflon-based coating that has the remarkable property of being both hydrophobic (water shedding) and oleophobic (oil shedding). Water cannot readily wet out the surfaces. The water droplets behave like mercury when confronted with the coated surface. Teflon coatings create a water-repellant (hydrophobic) and oil-repellant (oleophobic) surface to repel water, dust, oil, and dirt on surfaces allowing for easy-clean.



Awning



Sun Shade



Umbrella





DIRECT MANUFACTURER  
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## About 100% Solution Dyed Acrylic Fabric

Solution dyed acrylic fabric is a perfect choice for all outdoor application because of its outstanding fade resistant performance and colorfastness to water, colorfastness to washing, and color reproducibility. Its ultraviolet blocking agents protect the fabrics from fast aging caused by the effect of UV radiation so it is well recognized to be very durable under various weather conditions.

During manufacturing the acrylic fiber is dyed while it is still in a viscous form, we blend pigment and polymer so color is locked in before the fiber even becomes a solid. This allows the color all the way through the yarn once it is extruded. This process allows the color to be mixed into the solution thoroughly, bringing the color all the way through the fiber once it is extruded, creating a colorfast fabric much stronger than that obtained by dyeing the thread.

Solution dyed acrylic fabric has mold resistant qualities (mildew grows on dirt, pollen and other organic matter, so simple routine cleanings will prevent mildew from forming). In addition, the solution-dyed acrylic waterproof fabric can be bleached to remove tougher stains without compromising color.

## 5 Years Warranty

Our fabric guarantee 5 years limited warranty. Warranty coverage include fading or losing colors due to the color performance degradation in normal environment.

## Cleaning Instructions

Stains on the fabric can be cleaned with 37°C low-temperature water, with neutral soap liquid. You can use a brush to brush lightly. After washing the stains, just dry naturally, do not twist, so as to avoid fabric deformation, and do not use temperature ironing, so as to avoid high temperature discoloration.

## Material Applications:

- ▶ Pergolas and Loggias
- ▶ Awnings
- ▶ Umbrellas
- ▶ Shade Sails
- ▶ Marine Covers





# DLT-AH1000

## Technical Datasheet



**DURASUNTEX**  
Innovated by Duletai New Material

DuraSuntex   DLT-AH1000 Series			
<b>Material:</b>	100% Acrylic Solution Dyed	<b>Tensile Strength:</b>	870N Warp / 1000N Weft
<b>Technics:</b>	Teflon® PTFE Treatment	<b>Water Repellency:</b>	Level 5 [Spray test: 20±2c ISO 4920:2012E]
<b>Width:</b>	120cm (47") / 150cm (59")	<b>Alcohol Test:</b>	Level 4 [0.6cm 10s 45° AATCC 193]
<b>Weight:</b>	300gsm	<b>Oil Test:</b>	Level 3 [0.6cm 30s 45° 27.3m N/m AATCC 118]
<b>Roll Length:</b>	60/100meters	<b>UV Test:</b>	50+ [Rated UPF AATCC 183-2014]
<b>Tearing Strength:</b>	42N Warp / 38N Weft	<b>Water Pressure:</b>	>300mm [Hydrostatic ISO 811:2018]
<b>Colour Fastness to Rubbing:</b>	Dry staining 4-5/ Wet staining 4-5 [ISO 105-X12:2016]		
<b>Colour Fastness to Artificial Light:</b>	Level 8 [ISO 105 B02:2014]		
<b>Colour Fastness to Artificial Weathering:</b>	Level 7 [ISO 105 B04:1994]		
<b>Colour Fastness to Light:</b>	Level 3-4 After 2000 hours change in shad [AATCC TM 16.3-2014]		

Teflon® PTFE treatment, the acrylic fiber is soaked with a Teflon-based coating that has the remarkable property of being both hydrophobic (water shedding) and oleophobic (oil shedding). Water cannot readily wet out the surfaces. The water droplets behave like mercury when confronted with the coated surface. Teflon coatings create a water-repellant (hydrophobic) and oil-repellant (oleophobic) surface to repel water, dust, oil, and dirt on surfaces allowing for easy-clean.

## Material Features



Water resistant:  
**Level 4**  
[AATCC 193]



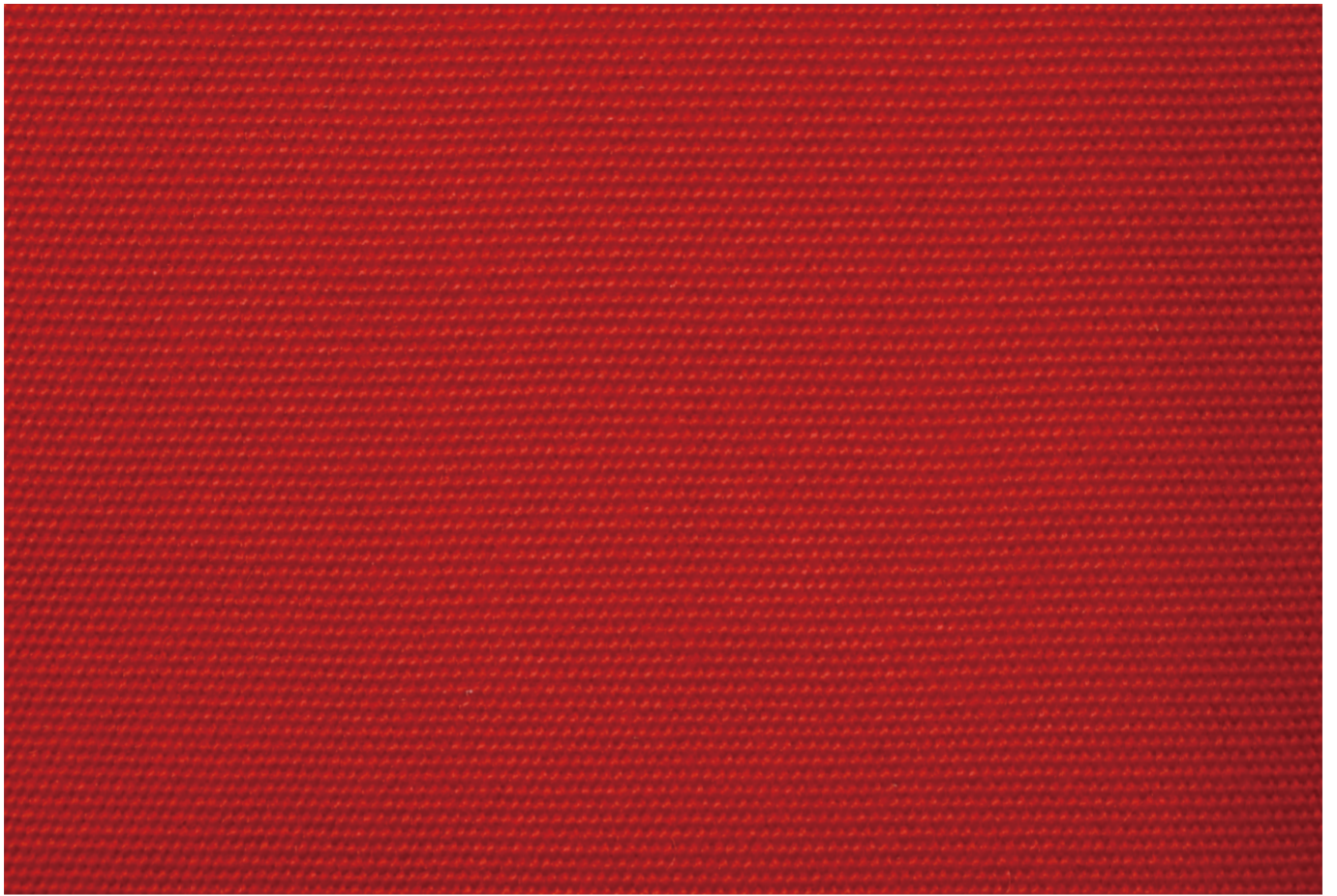
Oil resistant:  
**Level 3**  
[AATCC 118]



UV resistant  
**50+**  
[AATCC 183-2014]

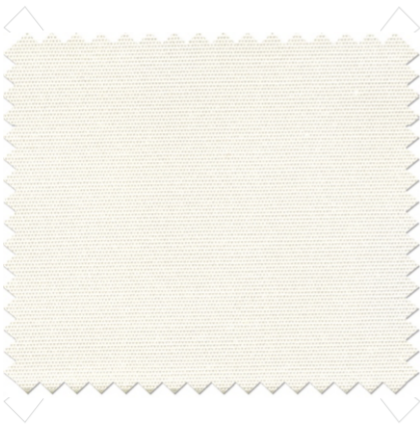


Spray test:  
**Level 5**  
[ISO4920:2012E]



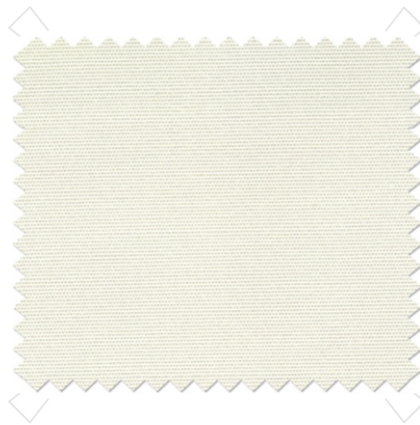
DLT-AH1015

RED



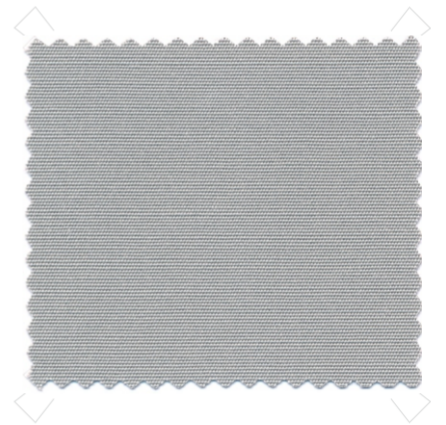
DLT-AH1001

WHITE



DLT-AH1002

CREAM



DLT-AH1003

LIGHT GREY



DLT-AH1004

GREY TWEED



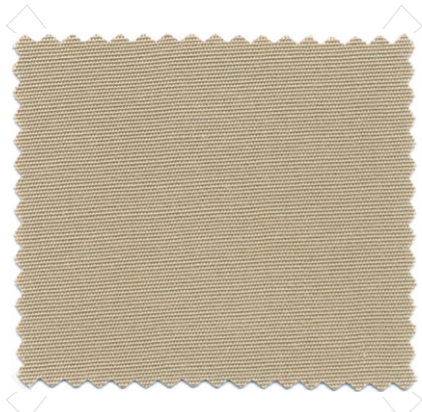
DLT-AH1005

SMOKE GREY



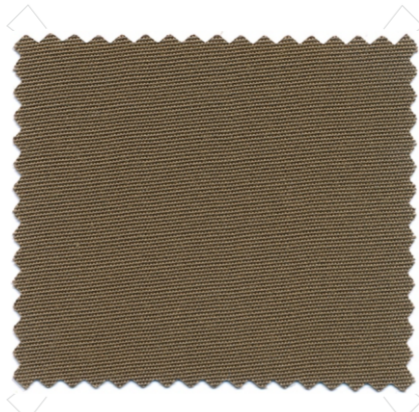
DLT-AH1006

DARK GREY



DLT-AH1007

**FAWN**



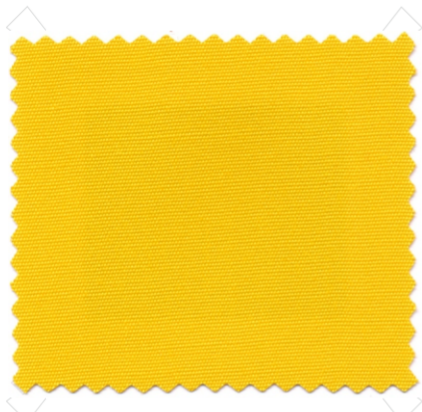
DLT-AH1008

**COFFEE**



DLT-AH1009

**CHOCOLATE**



DLT-AH1010

**YELLOW**



DLT-AH1011

**AMBER**



DLT-AH1012

**ORANGE**



DLT-AH1013

**LIGHT ORANGE**



DLT-AH1014

**DARK ORANGE**



DLT-AH1016

**BURGUNDY**



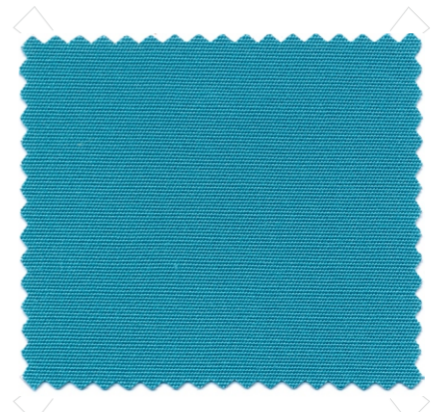
DLT-AH1017

**OLIVER GREEN**



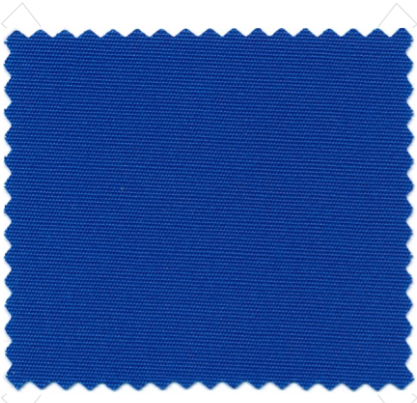
DLT-AH1018

**DARK GREEN**



DLT-AH1019

**ICE BLUE**



DLT-AH1020

**ROYAL BLUE**



DLT-AH1021

**NAVY BLUE**



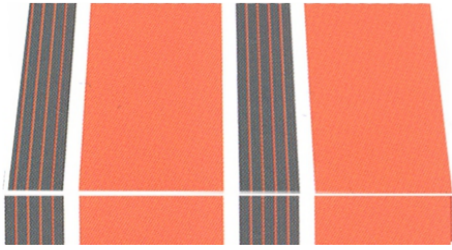
DLT-AH1022

**BLUE BERRY**



DLT-AH1023

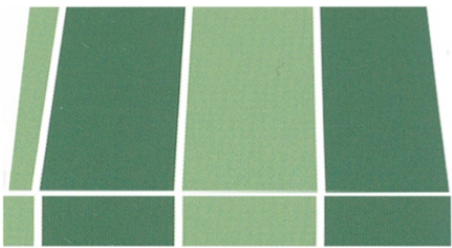
**BLACK**



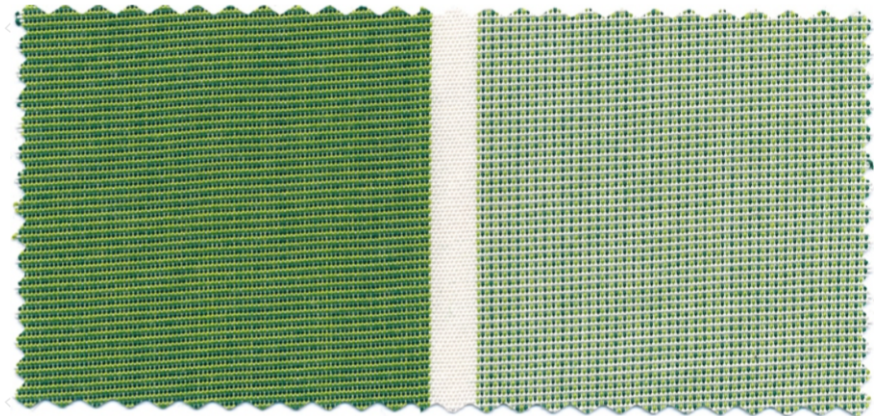
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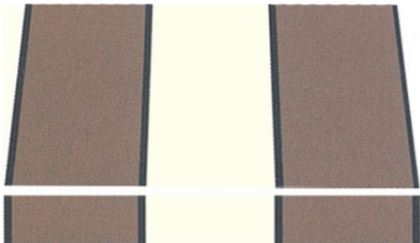
DLT-AH1101



Repeat: 30cm



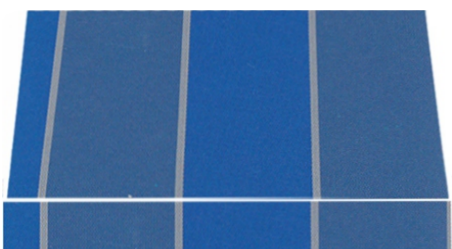
DLT-AH1102



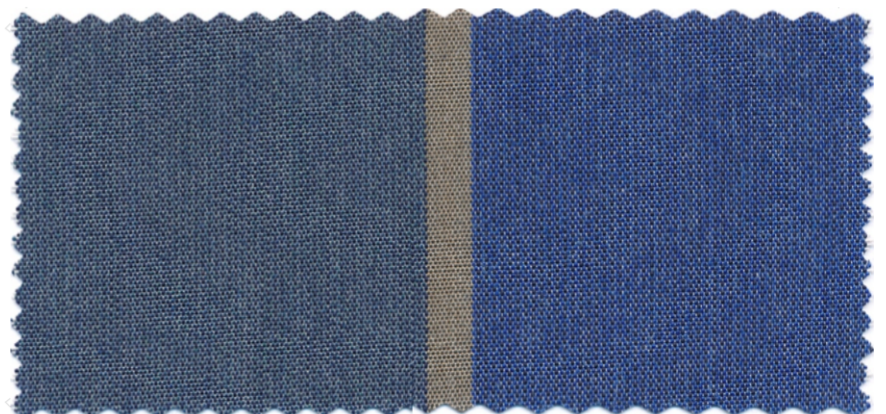
Repeat: 30cm



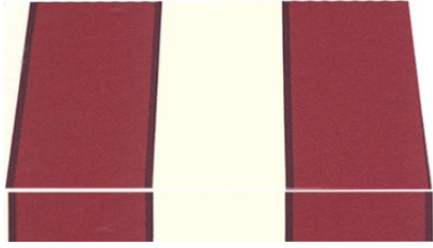
DLT-AH1103



Repeat: 30cm



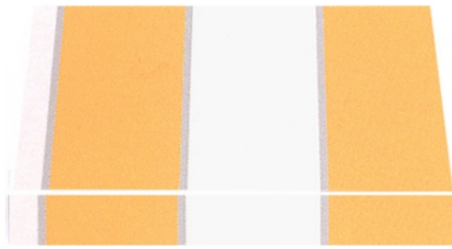
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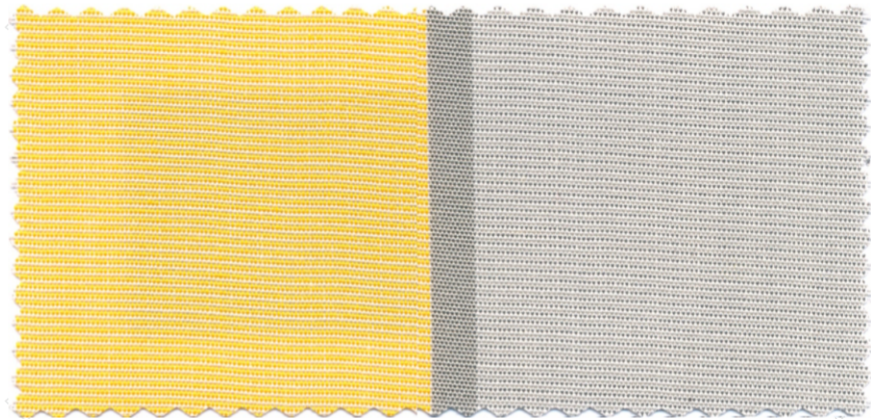
Repeat: 30cm



DLT-AH1105



Repeat: 30cm



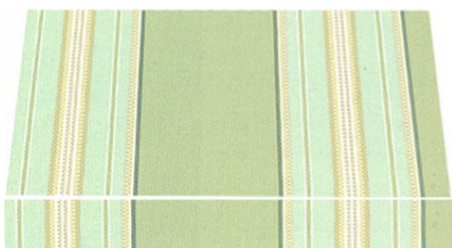
DLT-AH1106



Repeat: 30cm



DLT-AH1107

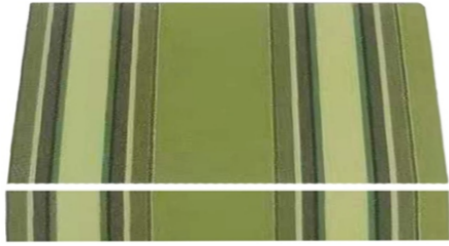


Repeat: 30cm

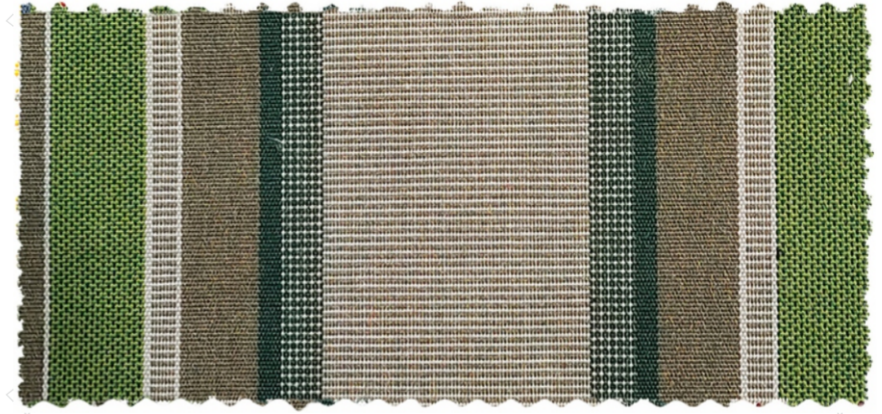


DLT-AH1108

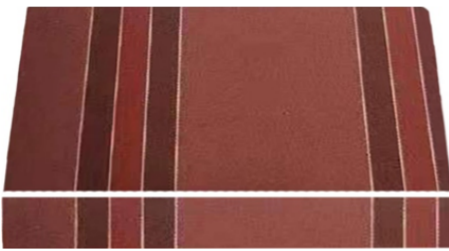




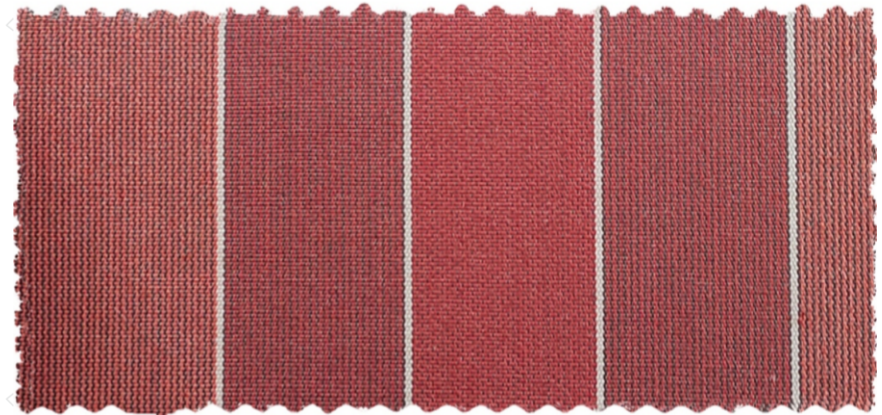
Repeat: 30cm



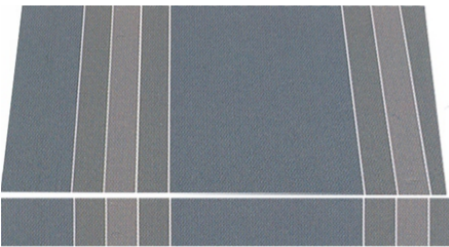
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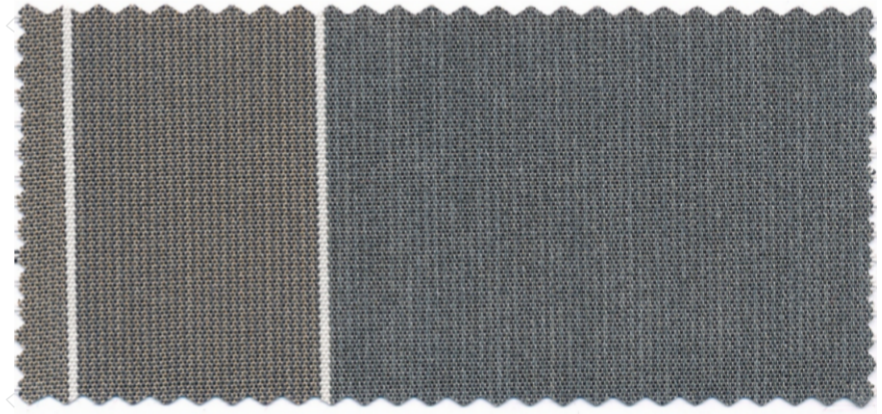
Repeat: 30cm



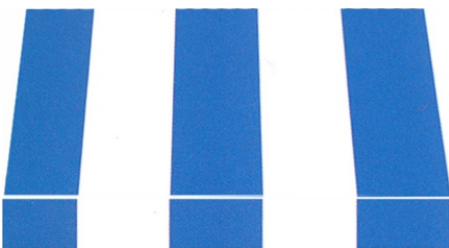
DLT-AH1110



Repeat: 30cm



DLT-AH1111



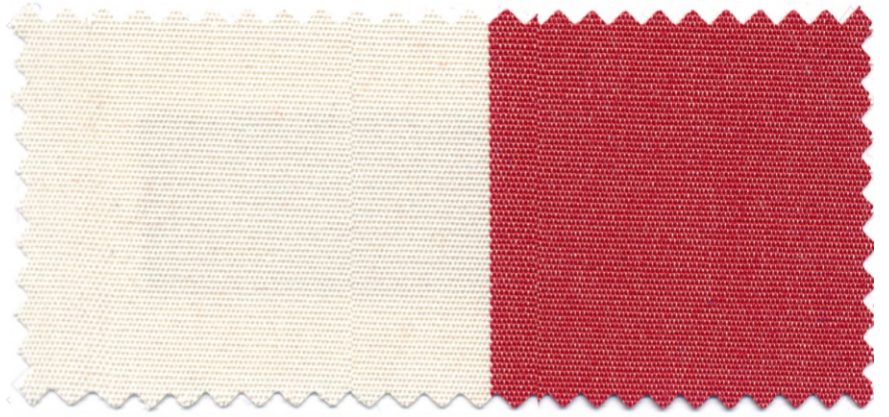
Repeat: 18.7cm



DLT-AH1112



Repeat: 18.7cm



DLT-AH1113



Repeat: 18.7cm



DLT-AH1114



Repeat: 18.7cm



DLT-AH1115



# 海宁杜勒泰新材料有限公司

HAINING DULETAI NEW MATERIAL CO.,LTD



# Yarn to Fabric Manufacturing.

## OEM Customer Centric Service

Our sales manager has 10+ year experience in this field. We have comprehensive knowledge and resources both in production and international business. All your requirements and problems will be handled professionally.

## Joint R&D

Our research and development section is open to our clients. We are willing to share new technology and work with our clients together to upgrade their products and developing new ones together.

## Superior Quality Control

We focus on durable products and long term business relationship with clients. Stable quality is the first consideration. We have fabric testing lab and quality traceability system to ensure everything is under control.



Wechat



Web Site



Video Intro



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More info >

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