



EXPERIENCES BEYOND IMAGINATION

SHINHAN

OUR GROUP

SHINHAN

 Ansan

 1993'

 190

 Dyeing Finishing Laminating
Sales

 Functional fabric


YOUNG TEXTILE

 Seoul

 1984'

 50

 Sales

 Casual fabric

 Daegu


 1997'

 65

 Weaving

 74 AJL

YOUNGTEX INTERNATIONAL

 Vietnam / Seoul

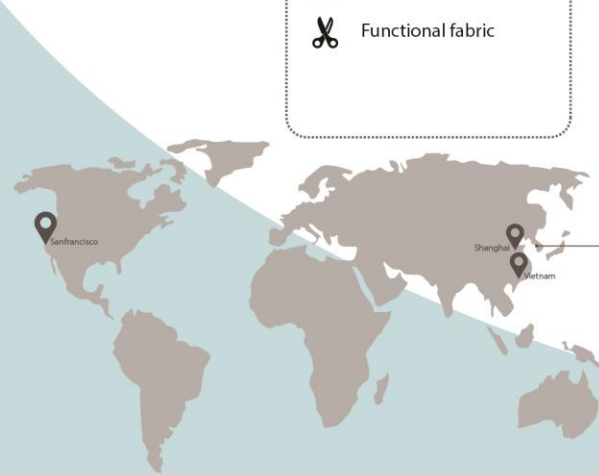
 2006'

 24 / 25

 Sewing

Head Office & Factory

(Chojidong) Sanseongro 86, Danwon-gu,
Ansan City, Gyeonggi-do, Korea, 15437



About, SHINHAN



Since Nov. **1993**



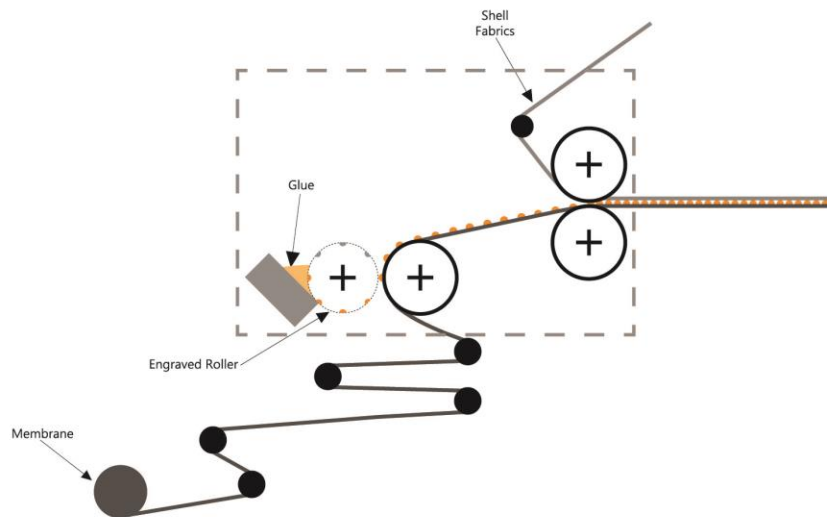
Sales **40** Factory **150**



Monthly production capacity **3,000,000** mts in total

Major Products

- ✓ Breathable (Hot Melt Laminating)
 - ePTFE (eVent, Tetratex)
 - TPU (Hydrophilic)
 - PU (Hydrophilic, Microporous)
 - PES(Recycle, Active Layer)
 - Nano(Electronic Spinning)
- ✓ Polyester 100% / Nylon 100%
- ✓ Polyester Mechanical / Nylon Mechanical
- ✓ Recycled Polyester / Recycled Nylon / Recycled Polyester Mechanical / Recycled Nylon Mechanical
- ✓ Melange (Nylon/Polyester, Polyester/Cation)
- ✓ Nylon 4Way Elastane / Polyester 4Way Elastane
- ✓ Micro Fabric (Nylon/Polyester Spilt Type)
- ✓ Combined Material (Nylon/Polyester, Nylon/Cotton, Polyester/Cotton etc.)



2017 Sep. Awarded "27th Korea textile and fashion prize"

2016 Nov. Certificated "ISO 9001 ,ISO 14001" Dec. Certificated "Low carbon environmental facilities"

2012 Dec. Certificated "Evergreen Company" by Evergreen 21

2011 Dec. Registration license of one-side water repellent coating fabric and method / Awarded "Industry medal certified by President of Korea", "Contribution of eco-environment"

2010 Feb. Certificated "Bluesign" (the first of Korea) Apr. Signed partnership with G.E. (eVent) May. Signed partnership with SYMPATEX GROUP, GERMANY

2008 Nov. Certificated "ISO 9001"

2007 May. Introduced 3rd CAVETEC for bonding and laminating Dec. Signed partnership with THE NORTH FACE

2006 May. Extension of Factory 1

2005 Jun. Awarded "Textile and Fashion prize" in Korea

2004 Nov. Introduced 2nd CAVETEC for bonding and laminating Nov. start to produce bonding fabrics for industrial materials

2002 Jul. Completion of factory 2 Oct. Introduced 1st CAVETEC for bonding

2001 Feb. Establishment of fabric sales team (out sourcing sales → end products sales) Jul. Establishment of Shinhan R&D center

1999 Aug. 2nd Extension of Factory 1

1998 Dec. Certificated "The Best Value certified by Gyeonggi province"

1997 Mar. 1st Extension of Factory 1

1994 Oct. Completion of factory 1

1993 Nov. Incorporation of Shinhan (1993.11.23)



PARTNERSHIP



Rapid-8호기

PRODUCTION FACILITY

I PREPARING



CPB

KOR

1EA

Semi continuous (Batch system)



Continuous Scouring

KOR

2EA

Scouring



Turbo Rinsing

KOR

1EA

Rinsing

I PREPARING



Benninger

GER

1EA

Continuous



Mercerizing

KOR

1EA

Swelling of cotton



Brush

KOR

1EA

-

I DYEING



Kuster

GER

2EA

Cotton Dyeing



Rapid

KOR

5EA

1TUBE : 2EA / 2TUBE : 3EA



Jet Flow

KOR

10EA

1TUBE : 1EA / 2TUBE : 9EA

I DYEING



Hisaka

KOR

8EA

2TUBE : 8EA



Then

KOR

2EA

2TUBE : 1EA / 4TUBE : 1EA



Hi-Soft

KOR

2EA

2TUBE : 2EA

I DYEING



Sample (PILOT)

KOR

3EA

1TUBE : 3EA



Jigger

KOR

6EA

-



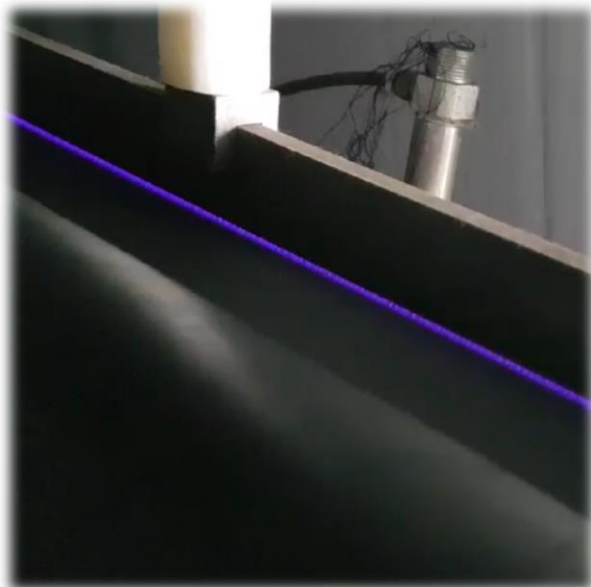
Scutcher

GER

3EA

Unfold a fabric of rope state after dyeing

I FINISHING



PLAZMA

KOR

4EA

Super DWR



Tenter

KOR

4EA

Heat setting, Resin finishing, Drying



Net Dry

KOR

1EA

Drying after Dyeing

I FINISHING

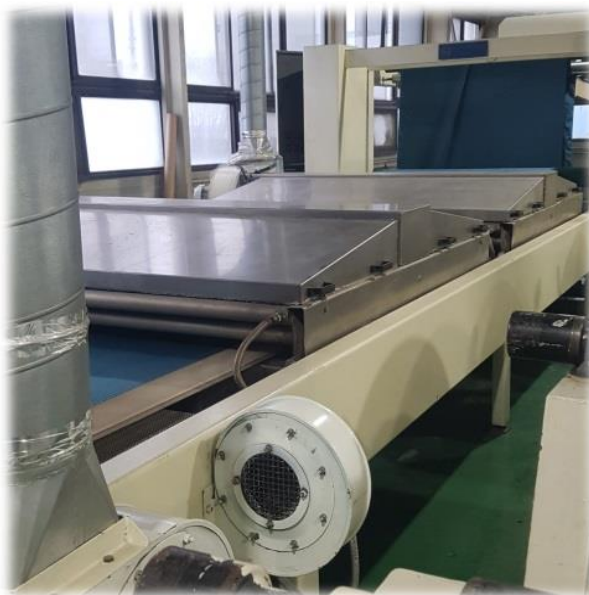


Aero Washer

KOR

1EA

Tumbling, Soft Handle Feel



Sponzing

ITA

1EA

Anti Shrinkage



CIRE

KOR

3EA

Luster, Hand feel, RWD, Downproof

LAMINATING



Laminating

SWI

3EA

Waterproof, Breathable, TPU, PU
PTFE, PES, NANO, 2L, 3L, 4L, 5L



Laminating

KOR

1EA

-



LABORATORY FACILITY

DIMENSIONAL STABILITY
TO WASHING

AATCC 135



SKEWNESS
TO WASHING

AATCC 179

APPEARANCE
AFTER WASHING

AATCC 124

pH VALUE

AATCC 81

COLORFASTNESS
TO PERSPIRATION

AATCC 15
ISO 105 E04



COLORFASTNESS
TO WATER

AATCC 107
ISO 105 E01

COLORFASTNESS
TO PERSPIRATION

AATCC 15
ISO 105 E04

COLORFASTNESS
TO SEA WATER

AATCC 106
ISO 105 E02



COLORFASTNESS
TO WASHING

AATCC 61
ISO 105 C06



PHENOLIC
YELLOWING

ISO 105 X18



COLORFASTNESS

AATCC 61
ISO 105 C06
AATCC 107
ISO 105 E01
AATCC 15
ISO 105 E04
AATCC 106



COLORFASTNESS
TO LIGHT

AATCC 16-3
ISO 105 B06



COLORFASTNESS
TO CROCKING

AATCC 8
ISO 105 X12



pH VALUE

AATCC 81



COLORFASTNESS
TO HOT PRESSING

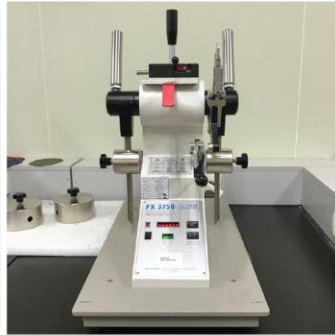
AATCC 133
ISO 105 X11



Test Item
Method

TEARING STRENGTH
(ELMENDORF)

ASTM D1424 (ELMENDORF)
ISO 13937-1 (ELMENDORF)



ABRASION RESISTANCE
(MARTINDALE)

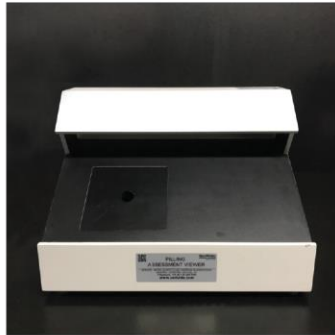
PILLING RESISTANCE
(MARTINDALE)

ASTM D4966
ISO 12947-2
ASTM D4970
ISO 12945-2



PILLING RESISTANCE
(MARTINDALE)

ASTM D4970
ISO 12945-2



TEARING STRENGTH
TENSILE STRENGTH
(GRAB METHOD)

RESISTANCE
TO SEAM SLIPPAGE

ASTM D2261
ISO 13937-2
ASTM D5034
ASTM D434
ASTM D1683



Test Item

Method

HYDROSTATIC PRESSURE

ISO 811
AATCC 127
JIS L 1092-A



HYDROSTATIC PRESSURE

JIS L 1092-B



HYDROSTATIC PRESSURE
(SUTER TEST)

SH06-12-6



WATER VAPOR
TRANSMISSION

ASTM E96 A
ASTM E96 B
ASTM E96 BW
ASTM E96 C
ASTM E96 D
JIS L 1099-A1
JIS L 1099-A2
JIS L 1099-B1
BS 3424-34



RAIN TEST

AATCC 35



WATER VAPOR
TRANSMISSION

ASTM E96 A
ASTM E96 B
ASTM E96 BW
ASTM E96 C
ASTM E96 D
JIS L 1099-A1
JIS L 1099-A2
BS 3424-34



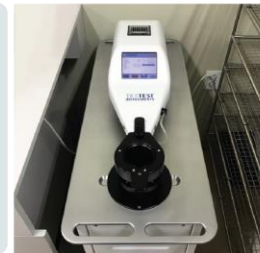
SPRAY TEST

AATCC 22
ISO 4920



AIR PERMEABILITY

ASTM D737
JIS L1096-A



Test Item

Method

Shin Han