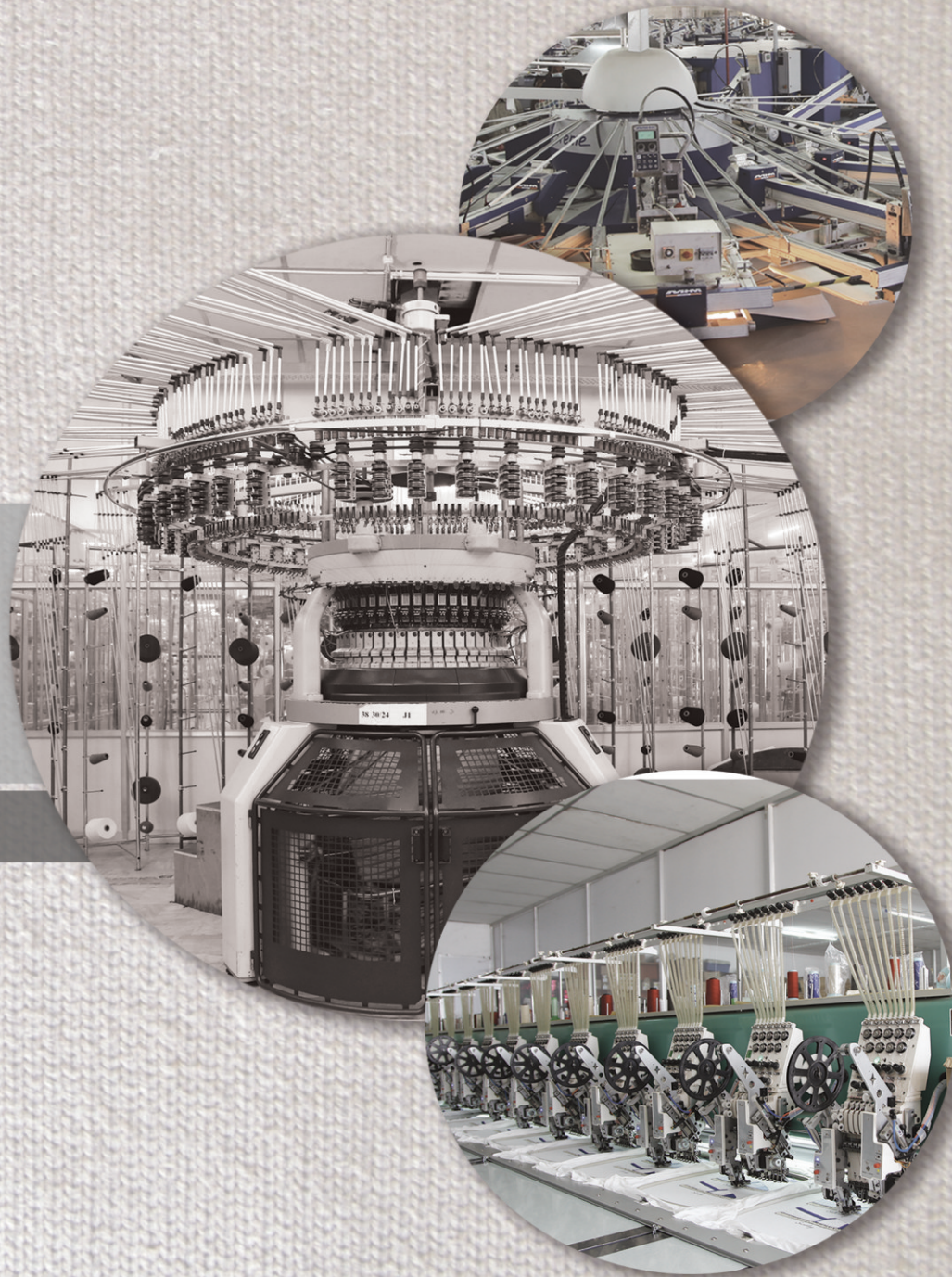


AKR

TEXTILE INC

MANUFACTURES OF YARN, FABRIC AND GARMENTS



01

HISTORY OF OUR JOURNEY



AKR
TEXTILE

ABOUT US

With deep rooted experience in different verticals of textile, 1995 is the year of global modern textile boom when 'ARK Textile' was born. After crossing 23 years of successful journey AKR is proud to say that it is one of the largest exporter of knitted garments from India and it houses one of the Asia's biggest yarn and fabric dyeing factory, one of the Asia's largest fleece production unit and capable of producing 50 million garments per year.

226 YEARS OF LONG JOURNEY....STILL MARCHING WITH MORE INNOVATIVE APPROACH...

Our company AKR textile located in the Knitting textile hub of the world "Tirupur" in India, a city located near to Coimbatore (Manchester of South India) known for massive textile mills and one of the world leader in the field of textiles. Our Journey started in 1790's as a small cotton farmer when court of directors of East India Company in London revised their policy to increase raw material (cotton) import from India to increase finished textile goods from Britain. We started cultivating indigenous Arboretum and Herbaceous varieties of cotton to supply Lancashire textile industry, London. In early 1800's Madras province introduced Bourbon variety with subsequent trials with New Orleans and Sea Island in Coimbatore, we started doing contract farming for supplying cotton to East India Company, then during world war-I we were cultivating better variety Co 2 (Combodia Cottons).

With the strong farming experience of different varieties of cotton we entered in to small finished cotton materials retailing after world war-II, with very wide knowledge in the field of textile we first started small garment manufacturing unit in early 1980's. Based on global requirements and advancement in the field of textile "AKR Textile Company" was started in 1995 with art of modern textile machinery to cater global needs.



HISTORY OF OUR JOURNEY...



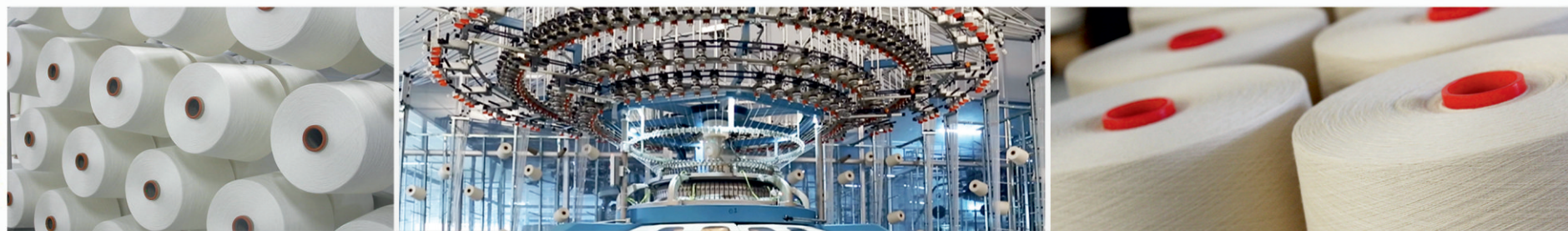
AKR Textile Inc, USA a direct subsidiary of AKR Textile, India owns and operates vertically- integrated, large-scale manufacturing facilities which are primarily located in Asia, and Europe, and are strategically positioned to efficiently service the quick replenishment needs of its customers in the print wear and retail markets. AKR has over 11,000 employees worldwide and is committed to industry leading labor and environmental practices at all of its facilities

SPINNING

Spinning is a major part of the textile industry. AKR mills and its certified third-party mills has five spinning units having more than 230,000 spindles and 7000 rotors equipped with machines imported from UK, USA, Germany, Japan and China. These units are capable of producing a wide range of yarn from 100% cotton to poly cotton, poly viscose, slub yarn, siro yarn and core yarn. They have the capacity to produce 220 tons per day of average yarn count in 100% cotton. It is part of the textile manufacturing process where three types of fibre are converted into yarn, then fabrics. AKR commenced operations with the manufacture of grey, gassed, mercerized and dyed cotton yarn.

We also manufacture wide range of specialty yarns like Modal Yarn / Micro Modal Yarn / Tencel Yarn / Micro Tencel yarn (Ne) – 30s to 100s, and Cotton Blended yarns with Modal / Micro Modal / Tencel / Micro Tencel.

PRODUCTION CAPACITY - **60** MILLION PIECES PER YEAR



TOTAL PRODUCTION FACILITY - 1 MILLION SQUARE FEET

02

CAPACITY

Machinery Overview

Ring

Zinser C 351 (Germany)
32,352 Spindles

Suessen Elite (Germany)
15,600 Spindles

Shanghai EJM-168, EJM-128, FA 507, FA 507A
82,344 Spindles

Drawing

Zinser C 351 (Germany)
32,352 Spindles

Suessen Elite (Germany)
15,600 Spindles

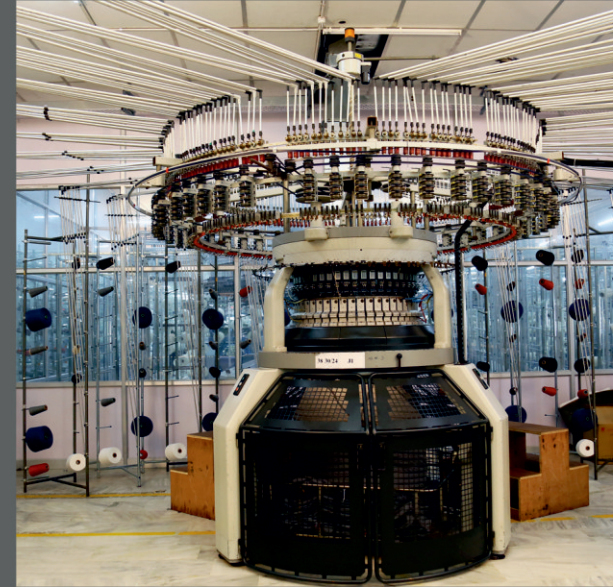
Shanghai EJM-168, EJM-128, FA 507, FA 507A
82,344 Spindles

Autocone

Zinser C 351 (Germany)
32,352 Spindles

Suessen Elite (Germany)
15,600 Spindles

Shanghai EJM-168, EJM-128, FA 507, FA 507A
82,344 Spindles



SPINNING

Carding

Truetzschler TC 11 (Germany)
Crosol Mark 5 D (UK)
Card FA 225

Comber

Rieter E62 (Switzerland)
Rieter E 7/6 (Switzerland)

Yarn Conditioning Machine

Xorella (Switzerland)
Pozzi (Italy)

Blow Room

Crosol with Loptex Sonic System (UK)
Truetzschler contamination sorter Securoprop SP – FPU (Germany)



WEAVING

AKR weaving is specialized in the design and development of knitted, woven and performance fabric. We have the most advanced Air Jet weaving production facilities, having a production capacity of approximately 200,000 meters per day. The facility is operated by skilled workers under the supervision of highly qualified professionals. The setup has 600 modern weaving machines supported by cutting-edge back process machines.

SEE MACHINERY OVERVIEW

WARPING MACHINE

- Benninger Sectional Warping (Switzerland)
- Benninger Ben-Direct Warping Computerized (Switzerland)
- Tsudakoma Warping TW10S (Japan)

SIZING MACHINE

- Zel-Benninger Computerized Ben Size Tech (Switzerland)
- Tsudakoma TTS20S Sizing (Japan)

W
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G



SAMPLING MACHINES

- CCI SW 550 Winding Machine (China)
- CCI Single end sizing (China)
- CCI Sample Weaving Machine Dobby (China)

WARP TYING MACHINE

- Warp Tying Staubli
- Fischer Warp Tying
- Exacta
- Fischer

PREPARATORY MACHINERY

- Staubli Delta-110 Drawing Machine
- Staubli Leasing Machine

REED CLEANING MACHINE

- Spalleck Reed Cleaning Machine
- SKR Ultrasonic Reed Cleaning Machine

OIL CLEANING MACHINE

- Thermostat Yarn Conditioning
- Truetzschler contamination sorter Securoprop SP – FPU

YARN CONDITIONING

- Xorella Kleen oil micro filtration machine

REWINDING

- Murataa
- Mach coner

LOOMS

- Ruti Looms – 150 CM
- Picanol Omni 800 Air Jet Looms – 190 CM
- Tsudakoma Zax Air Jet Looms – 280 CM
- Tsudakoma 9100 Dobby Air Jet Looms – 280 CM
- Tsudakoma 9100 Dobby Air Jet Looms – 340 CM
- Tsudakoma 9100 Tappet Air Jet Looms – 340 CM
- Tsudakoma 9100 Dobby Air Jet Looms – 210 CM
- Tsudakoma 9100 Tappet Air Jet Looms – 210 CM
- Tsudakoma 9100 Tappet Air Jet Looms – 210 CM
- Tsudakoma 9100 Air Jet Looms – 280 CM
- Picanol Rapier Looms – 300 CM
- Tsudakoma Zax Dobby Air Jet Looms – 340 CM
- Tsudakoma Zax Tappet Air Jet Looms – 340 CM
- Tsudakoma 9100 Air Jet Looms – 340 CM

WEAVING

YARN DYEING

AKR's dyeing unit is one of the largest in Asia, and it is one the highly automated section of AKR's vertical production unit. For having consistency in color mixing automated mixture is used to deliver uniform color pigments, and we are specialized in both yarn and fabric dyeing..

SEE MACHINERY OVERVIEW

PRODUCTION

- Singing & Reeling & Hank to Cone, Rite S.P.A (Italy)
- Soft winding & Rewinding, Rite S.P.A (Italy)
- Soft winding, Corghi (Italy)
- Soft winding, Fadis S.P.A (Italy)
- Rewinding, Suzhou Xinsanfang (China)
- Mercerizing, Jaeggli Meccanotessile (Italy)
- Mercerizing, Rite S.p.A (Italy)
- Hank Dyeing, Loris Bellini (Italy)
- Package Dyeing (Cone Dyeing), Loris Bellini (Italy)
- Rapid Dryer, Loris Bellini (Italy)
- Radio Frequency Dryer, Stalam (Italy)
- Sampling Machine, Ugollini (Italy)
- Color Matching System, Data Color (USA)
- Auto Dosing System (Chemical / Dyes), Sate (Italy)

LABORATORY/ QUALITY CONTROL

- Yarn Friction Tester, Mesdan (Italy)
- Yarn Twist Tester Machine, Mesdan (Italy)
- Crocking Machine, Mesdan (Italy)
- Lab Dips Dryer, Mesdan (Italy)
- Panel Machine/ Socks Machine, Mesdan (Italy)
- Hank Machine, Mesdan (Italy)
- Lab Dips Machine, Data Color (USA)
- Lab Dips Conditioner Machine, Data Color (USA)
- Spectro photometer, Data Color (USA)
- Auto Lab Dispensing / Solution Maker Machine, Data Color (USA)
- Multi precise Sample cone Dyeing Machine, Data Color (USA)
- Light Box, Data Color (USA)



PROCESSING

AKR's processing section involves many different types of highly automated modern machines like printing, dyeing, pretreatment, and finishing. We have a massive processing unit and also one of the biggest in India to accommodate any type of big customers globally.

SEE MACHINERY OVERVIEW

PRE TREATMENT

- Osthof (Germany)
- Menzil (Germany)
- Goller (Germany)
- Kuster (Germany)

LABORATORY

- Monforts (Germany)
- Goller (Germany)
- Benninger (Switzerland)
- Kuster (Germany)

P R O C E S S I N G



PROCESSING

PRINTING

- Stork (Holland)
- Reggiani (Italy)
- Ichinose (Japan)

FINISHING

- Monforts (Germany)
- Arioli Tung Yung (Italy)
- Krantz (Taiwan)
- Ramesh (Germany)



P R O C E S S I N G



DESIGNING & PATTERN MAKING

AKR with its 320 exclusive and most innovative design engineering team is the biggest strength in our portfolio. Capturing the imagination of the audience requires having a creative approach coupled with a thoughtful insight.

AKR's design studios are staffed with experienced artists who have the capability to conceive the most creative concepts in design. Artists adapt different color ways to meet the specifications of each individual country. European and US designers working for the company continuously develop new designs for specific geographical areas. The designing team visits major international exhibitions throughout the year to stay up-to-date with the current market trends. The use of the latest CAD/CAM systems and the most sophisticated laser and wax jet engraving technologies are examples of the company's dedication to computerization in all aspects of design detail and reproduction.



STITCHING

AKR's stitching unit houses one of most advanced machines with more than 5000 skilled work force and there are various process involves under stitching

SEE MACHINERY OVERVIEW

CUTTING MACHINES

- Diamond Machine (Nagle Harmin)
- Cutting Machines (Hauser / Gerber / KM / Mini Roller / Philips Sprider / Qili / Eastman)
- Tape Cutter (Local)
- Slicer (Myteck)
- Cropping Machine (Bella)

BUTTONS MACHINES

- Kaj Machines (Juki / Golden Wheel / Chinki)
- Button Machine (Juki / Golden Wheel / Chinki)
- Stud Button Machine (Automatic Giuzhou (China) / Manual (Local))



LOCK STITCHING MACHINES

- Single Needles Manual (Juki / Golden Wheel / Shingong / Singer / Brother)
- Single Needles Auto (Juki / Golden Wheel)
- Two Needle Machines (Juki / Golden Wheel / Brother / Gepsew)
- Bartack Machine (Juki / Chinki)

CHAIN STITCHING MACHINES

- Safety Machines (Juki / Golden Wheel / Pegasus / Brother)
- Blind Stitch Machines (Juki / Treasure / Precious / Tony)
- Chainstitch 12 needle (Kansai / Golden Wheel / Vario-Matic / Siruba)
- Chainstitch 25 needle (Vario-Matic)
- Chainstitch 33 needle (Gepsew)

EMBROIDERY MACHINES

- Embroidery Machines (Tajima / Bordan)
- Zig Zag Machines (Juki / Brother)
- Saddle Stitching Machine (Juki)
- Picoting Machine (Barrato)

SMART M.R.T QUICK TRACK

- Hanging System (Swissttrack / Quick Track MRT Smart)

QUILTING MACHINES

- Quilting Single Head (Delta / Kaybematic)
- Quilting Multineedle (Mecca / Grabitz / Donyoung)

METAL DETECTOR MACHINES

- Metal Detector (Aolite / Hashima)

SHRINK WRAP MACHINES

- Shrink Wrap Machine (3M Matic SMI Pack / Tayi Yeh)

COMPRESS MACHINES

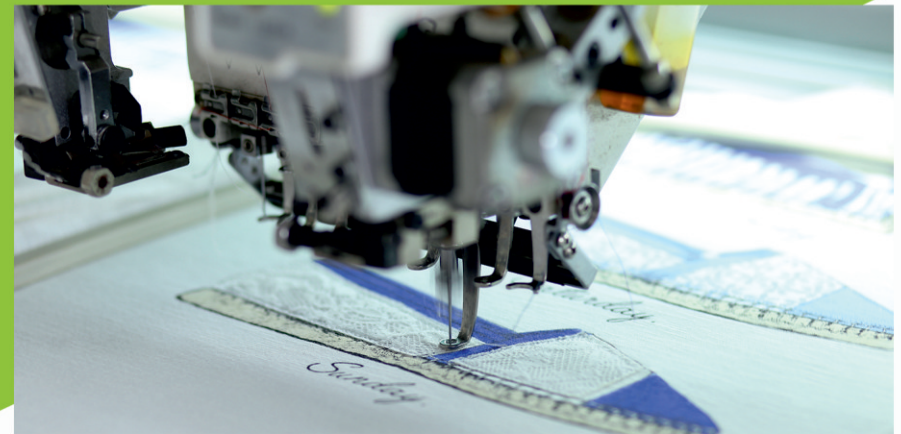
- Compress Machine (Sala)

PACKING MACHINES COMFORTERS

- Comforter Packing Machine (Kaybematic)

EMBOSSING MACHINE

- Embossing Machine (Lazzer)



02

CAPACITY

QUALITY CONTROL

AKR's Quality control division is one of the key division which involves more stringent and toughest quality check for meeting customer's quality level requirements. In the field of textiles, the processing laboratory plays a key role so AKR's yarn and finished fabric has to pass different types of quality check before it goes to final approval. It serves as the foundation for producing a quality product.

AKR has one of the best textile laboratories equipped with state-of-the-art technology and staffed with highly qualified personnel. It has the capability to cover a wide range of operations from the testing of raw materials to the evaluation of finished products, according to customer specifications. As a part of quality control for online checking, the processing laboratory is well prepared to control and support the processing unit at every stage of production. For continuous improvement in the quality of the end product, research and development is also carried out in the laboratory.

QUALITY CONTROL



03

PRODUCTS

YARNS

AKR with its modern spinning mill, is the leading manufacturer of the 100 % Combed Cotton Yarn for Knitting and Weaving. The ranges of our products are listed below.

GREY YARNS

GREY COTTON - HOSIERY COMPACT YARNS POLYESTER COTTON YARNS CORE SPUN YARNS
GREY COTTON - WEAVING

GREY COTTON - HOSIERY

PRODUCT RANGE

Carded
Combed
Compact

OTHER SPECIAL PRODUCTS

Ultra (Contamination controlled)
With imported cottons like Pima, Ultima, Giza etc.
With other than conventional cottons like Organic, Fair Trade, CMIA, BCI etc.

COUNT RANGE

Carded : 20's - 30's Ne
Combed : 16's - 60's Ne
Compact : 16's - 60's Ne
Standard Package : 45.36 kg
Availability : As per order

ADDITIONAL INFORMATION

- TFO/ Ring Doubled yarns, ability to produce yarns as per customer's needs & requirements.
- Special counts can be made against order.

WE MAKE THE FINEST QUALITY OF YARNS IN THE WORLD...

YARNS

GREY COTTON - WEAVING

Application : Weaving

PRODUCT RANGE

- Carded
- Combed
- Open end

OTHER SPECIAL PRODUCTS

- Ultra (Contamination controlled)
- With imported cottons like Pima, Ultima, Giza etc.
- With other than conventional cottons like Organic, Fair Trade, BCI etc.

COUNT RANGE

Carded	: 20's - 30's Ne
Combed	: 20's - 60's Ne
Standard Package	: 34 & 45.36 kg
Availability	: As per order

OPEN END

Count Range	: 06's Ne-20's Ne
Standard Package	: 34 & 45 Kg (Normal) As per yarn length

ADDITIONAL INFORMATION

- TFO/ Ring doubled yarns, ability to produce yarns as per customer 's needs/ requirements.
- Special counts can be made against order.

GREY
YARNS



YARNS

COMPACT YARNS

APPLICATION : Hosiery & Weaving

- Compact yarns featured with less hairiness & more evenness.
- High strength yarns.
- High degree of uniformity, consistent quality

OTHER SPECIAL PRODUCTS

- Lotus quality: superior quality yarns for Filafil fabrics.
- Ultra (Contamination controlled).
- With imported cottons like Pima, Ultima, Giza etc.
- With other than conventional cottons s like Organic, Fair Trade, BCI etc.

AVAILABILITY

- Cotton
- Polyester/ Cotton Blends
- Cellulosic Blends

PRODUCT RANGE

- Grey
- Dyed
- Mélanges
- Elli Twist

COUNT RANGE

Compact : 20's - 100's Ne
Elli Twist : 2/30's -2/60's Ne
Standard Package : 34 & 45.36 kg
Availability : As per order

ADDITIONAL INFORMATION

- TFO yarns can be made available on order.

COMPACT YARNS



YARNS

POLYESTER COTTON

APPLICATION : Hosiery & Weaving

PRODUCT RANGE

- Carded
- Combed
- Compact
- Recycled Yarns

OTHER SPECIAL PRODUCTS

- Ultra (Contamination controlled)
- With imported cottons like Pima, Ultima, Akala, Giza etc. against order.
- With other than conventional cottons like Organic, Fair Trade, etc. against order

COUNT RANGE

HOSIERY

Carded : 10's - 40's Ne
Combed : 10's - 60's Ne

WEAVING

Carded : 10's - 40's Ne
Combed : 10's - 60's Ne
Blends Available : PC (65:35 , 52:48, 40:60) (Other blends also available as per order)
Standard Package : 46.5 kg
(For Hosiery & Weaving)

Availability : As per order

ADDITIONAL INFORMATION

- TFO yarns can be made available on order.
- Special Counts & blends can be made against order.

POLYESTER COTTON

YARNS

CORE SPUN YARNS

Product Description

A yarn consisting of an inner core yarn surrounded by staple fibres. A core spun yarn combines the strength and/or elongation of the core thread and the characteristics of the staple fibres which form the surface.

PRODUCT RANGE

- Carded
- Combed
- Slub
- Siro Double Yarn

COUNT RANGE

- Carded : 7's to 20's Ne
- Combed : 10's to 100's Ne
- Slub : 10's to 26's Ne
- Siro Double : 2/20's to 2/60's Ne
- Standard package : 1.89 kg
- Inner Fibre : Invista Lycra, Spandex
- Denier : 20, 40, 70, 105, 140, T-400

AVAILABILITY

- Cotton & Cotton Blends
- Polyester & Blends
- Cellulosic Blends

OTHER SPECIAL PRODUCTS:

- Polyester Cotton, Organic, Fair Trade, Cellulosic Blends like (Viscose, Tencel, Modal, Linen).
- We can produce Polyester Fibre in Core on special order.
- All the above yarns are available in Contamination control.

APPLICATIONS

Weaving
Bottom Weights, Shirting, Tops, Denim, Shawls, Bandages

CORE SPUN YARNS



YARNS

DYED YARNS

PACKAGED DYED YARNS
RANGOLI
GASSED MERCERIZED YARNS

PACKAGED DYED YARNS

Product Description

Dyed yarns for knitting & weaving in cone form.

PRODUCT RANGE

Available in 100% Cotton & Blended fibres

- Star : Regular quality Dyed yarns
- Star Gold : A very superior quality dyed yarns
- Yarns are available through Ring Spun, Compact & Vortex technology
- With Indian cotton & imported cotton Like Pima/ Giza
- With Blends Like Polyester/ Acrylic
- With Cellulosic Blends: Viscose/ Modal/ Micromodal/ Tencel/ Bamboo
- With Special Fibers: Wool/ Linen/ Coolmax/ Nylon/ Silk/ Lycra
- With Organic , Fair Trade/ BCI Cotton
- Gassed Dyed yarns/ Slub Dyed yarns

COUNT RANGE

Ne 16 to Ne 80

Two Ply TFO doubled also available

LOT SIZE

Sample : 5 kg to 50 kg

Bulk : 100 kg to 1000 kg

Availability : As per order

Shades Available : Indented shades available

APPLICATIONS

Hosiery & Weaving

ADDITIONAL INFORMATION

Antibacterial finish & antifade yarns are also available



YARNS

RANGOLI

Product Description

Rangoli, MELANGE Yarns (commonly known as heathers) is a profusion of colored & Greige fibers available in 1000 shades from the house of Vardhman in a variety of fibers and blends.

PRODUCT RANGE

- 100% Cotton (Indian & imported fibers)
- Cotton blended with Polyester
- 100% Acrylic and blends with Cotton
- 100% Cellulosic and blends with Cotton
- Special Fiber blends (Nylon, Wool, Linen, Silk) with Cotton
- Jaspe-Roving Grindle • Organic, Fair-trade, Fair-trade Organic and BCI
- Neppy Melange

Above Products are available in Combed, Compact, Gassed Mercerized, Slub & Injecta Slub technologies.

COUNT RANGE

Ne 16 to Ne 70 Two Ply TFO doubled also available

Lot Size : No constraints

Standard Package : 47.7 kg

Availability : As per order

APPLICATIONS

Hosiery & Weaving



YARNS

GASSED MERCERIZED

Product Description

Gassed mercerized yarns provides unique lustre, negligible shrinkage and pilling free end product, stronger yarn for higher durability, fast to post Mercerizing, majestic handle & look, anti-bacterial finish on request.

PRODUCT RANGE

- Indian Cotton
- American Cotton
- Egyptian Cotton
- Slubs
- Heather
- Organic
- Antifade
- Grindles
- Space Dyed
- Hydrophillic
- Cotton Bamboo
- Cotton Moda

COUNT RANGE

Ne 2/10 to 2/100 Ne

Lot Size : 20 kg to 640 kg

Standard Package : 20/40 kg (With one kg per cone)

Availability : As per order

SHADES AVAILABLE

Mercerized : More than 400 shades

Grindles : More than 100 shades

Melanges : More than 25 shades

Space Dyed : More than 100 shades

APPLICATIONS

Circular Knitting Garments : Shirts/Tops

Flat Knitting : Sweaters

Others : Socks, Terry Towels, Home Furnishing

Weaving : Shirting's & Suiting's

ADDITIONAL INFORMATION

- Special Counts can also be made against order.
- Indented shades are also made against order



YARNS

SPECIAL BLENDED YARNS

SLUB YARNS

SANSPILL - VORTEX YARNS CELLULOSIC YARNS

SPECIAL BLENDED YARNS

SUSTAINABLE YARNS - BCI, ORGANIC FAIR TRADE, RECYCLED YARN

ULTRA - CONTAMINATION CONTROLLED YARNS

SLUB

Product Description

Slub Yarn is categorized as fashionable yarn with fancy effect. These yarns are specially engineered to a specific pattern of mass, length & frequency.

Designs & Structures

Short slub, Medium slub, Long slub, Multi counts, Multi twist, Multi slub

Special Effects

- Reverse slub
- XSS slub
- Pseudo slub
- Neppy look slub
- Injection slub



PRODUCT RANGE

- Greige • Dyed • Melange • Gassed Mercerized

Blends option:

All kind of Cellulosic fibers viz: Cotton, Viscose, Modal, Tencel, and Bamboo are in 100% and blended with synthetic fiber like Polyester, Acrylic.

Special Cotton Range :

- American, Egyptian, Organic, Fairtrade, BCI
- Ultra (Contamination controlled)

APPLICATIONS

Weaving : Denim, Bottom Weights, Shirting's
Hosiery : T-Shirts, Tops, Kid's Wear

COUNT RANGE

Count range : 6's Ne - 80's Ne

Lot Size : 10 kg & above

Standard Package : 40 - 45 kg

Availability : As per order

SLUB

YARNS

SANSPILL - VORTEX YARNS

Product Description

Yarn spun from spinning technology which utilizes vortex flow of compressed air and provides unique yarn structure with rich combination of functional and fashionable features as described below.

- Less hairiness & Clear appearance
- High resistance to Pilling & abrasion
- High moisture absorption
- Less shrinkage & High wash resistance
- Better drape especially when Spun with Cellulosic fibers.

PRODUCT RANGE

- 100% Cellulosic and blends with other cellulosic fiber (Viscose, Modal, Tencel, Bamboo)
- Cellulosic blends with Cotton fibers
- Polyester blends with Cotton or Viscose
- Tri Blends

COUNT RANGE

14's Ne – 60's Ne
Availability : Against order

APPLICATIONS

Weaving : Shirting, Suiting

Hosiery : Ladies Apparels

Home Furnishings : Bath Towels, Sheeting

ADDITIONAL INFORMATION

The Vortex yarn could be spun in two variants as described below:

- High pilling resistance with optimum fabric handle.
- Optimum pilling resistance with relatively softer fabric handle.



YARNS

CELLULOSIC

Product Description

spun from fiber made by spinning reconstituted Cellulose extracted from wood pulp.

PRODUCT RANGE

- Viscose & Blends
- Modal & Blends
- Micromodal & Blends
- Tencel & Blends
- Bamboo & Blends
- Cellulosic fiber blended with special fibers like Silk, Wool, Polyester, Linen, Nylon, Acrylic

COUNT RANGE

20's Ne – 60's Ne

Availability : Against order

APPLICATIONS

Weaving : Shirting, Suiting
Hosiery : T-Shirts, Tops, Socks, Inner wear,
Home Furnishings, Bath towels etc.

ADDITIONAL INFORMATION

- Also available in dyed, slub and mélanges yarn.
- Could be spun from both Ring Frame and Vortex route

SPECIAL BLENDED

The fibers which are branded by their name itself and add value by way of giving following feature to the final garment as:

- Sheen • Softness • Hazy look • Blended color effect Offering with other special fibers like:

- Acrylic • Wool • Nylon • Silk • Linen • Coolmax • Cashmere wool etc.

Blend options

With Cotton, Polyester, Modal, Tencel, Bamboo, etc.

PRODUCT RANGE

- Greige
- Dyed
- Mélanges

APPLICATIONS

Hosiery & Weaving

COUNT RANGE

Count range : 30's Ne - 60's Ne
Lot Size : 10 kg & above
Standard Package : 20 - 40 kg
Availability : As per order

ADDITIONAL INFORMATION

- Two ply yarns are also available.
- Tri Blends are also available.



SUSTAINABLE YARNS - BCI, ORGANIC FAIR TRADE & RECYCLED YARNS

Product Description

Can offer BCI yarns, organic, fair trade & recycled yarns.

PRODUCT RANGE

- Greige • Dyed • Mélanges • Gassed Mercerized • Slubs • Fair Trade • Organic fairtrade • Lycra • Polyester Cotton

ADDITIONAL INFORMATION

- Certified with Control union
- Two ply yarns are also Available

ACRYLIC YARNS & ACRYLIC BLENDED YARNS

GREY ACRYLIC YARNS

DYED ACRYLIC YARNS

FANCY YARNS

HAND KNITTING YARNS





YARNS

ULTRA

COUNT RANGE

HOSIERY & WEAVING

Combed : 16's - 60's Ne
Compact : 16's - 60's Ne
Availability : As per order

PRODUCT RANGE

- GREY
- DYED

AVAILABILITY

- COTTON & COTTON BLENDS
- POLYESTER & BLENDS
- CELLULOSIC BLENDS

ADDITIONAL INFORMATION

- Contamination controlled yarns with imported cotton also available.
- Two Ply yarns also available.



GREY ACRYLIC

Product Description

Wet spun Acrylic yarns (Both High bulk and regular)

COUNT RANGE

Hosiery : Ne 2/22, 3/16

Textile : Ne 1/22, 2/36, 1/40, 2/40 , 2/60

Standard Package : 60 kg (Yarn on Hanks) : 44.4 & 50 kg (Yarn on cones)

Availability : Ex-Stock

ADDITIONAL INFORMATION

- Made from fiber based on Exlan Technology
- Yarn with better dye uptake, good standing, brighter and brilliant shades
- Following qualities are also available in 2/22 Hosiery count on demand viz
- 2/22 VIP Ultra - better softness

YARNS

DYED ACRYLIC

Product Description

Dyed Bulked & Regular Acrylic Yarn.

PRODUCT RANGE

- Daffodil Ultra - 100% Acrylic Dyed bulked yarn with crispy feel and excellent resiliency, better for tough usage.
- Daffodil Super - 100% Acrylic Dyed bulked yarn with soft feel and good resiliency, better suitability for fashion garments.
- Softee - 100% Acrylic Dyed bulked yarn having super soft feel.
- Marina - 100% Acrylic Mélange bulked yarn.

SHADES AVAILABLE

Shade card : 40 shades

Indented shades can also be made available.

COUNT RANGE

Daffodil Ultra : 2/31 DMM

Daffodil Super : 2/31 DMM

Softee : 2/31 DMM & 2/51 DMM

Marina : 1/23 DMM & 2/23 DMM

Standard Package : 36 kg (on cones) & Cone Weight - 2.0 kg

Lot Size : 30/60/120/240/750 - (2/51 Softee) : 36/66/130/264/840 - (2/31 Softee, Daffodil Ultra & Daffodil Super)

Availability : Ex stocks + Indents

YARNS

FANCY_{arn}

FANCY

Product Description

100% Acrylic and blended Spun and Structured Fancy yarns available in Dyed form.

SPUN FANCY YARN

- Specialized acrylic yarn, Semi-Dull yarn, Low Pill yarn and Super Bright yarn.
- Specialized acrylic yarns blended with various types of Nylons like Trilobal (Sparkling), Mohair type, Angora type, Cashmere type etc.
- Specialized acrylic yarns blended with natural fibers like Wool, Mohair, Viscose etc.

STRUCTURED FANCY YARNS

- Boucle (Ring), Slub, Brushed, Knop yarns.
- Feather yarn, Tape yarn, Flurry yarn, Chain yarn
- Chenille yarns.

COUNT RANGE

Spun Fancy Yarns - 8.0-35 Ne

Structured Fancy Yarns - 0.2-10 Ne

Lot Size : Dyed 36/66/130/264/500/840 kg.

SHADES AVAILABILITY

As per shade cards besides indented shades.

ADDITIONAL INFORMATION

Acrylic Nylon blended Fancy yarn in Greige form with the brand name 'Twinkle' is also available on demand.



YARNS

HAND KNITTING

Product Description

Hand Knitting Yarn is available in Hank/ Lachhi/ Ball.

COUNT RANGE

4 Nm - 21 Nm in 2, 3, 4 Ply

Lot Size : 30/60/120/240/500 kg

Standard Package : 60/24/16 Kgs in Hank, Lacchi & Ball Packing Respectively

Availability : Ex stocks + Indents

YARN STRUCTURE

Conventional Spun, Brushed, Crochet, Flag, Flurry yarns, Boucle, Sequins, Tubular yarns.

ADDITIONAL INFORMATION

Over 36 products available for all age groups in various blends and varieties of 100% Acrylic , Acrylic-Nylon, Acrylic-Polyester, 100% Polyester, Acrylic-Wool, Acrylic-WoolMohair



FABRIC

TYPES

Introduction:

In readymade garments sector, knit or knitted fabrics is used for manufacturing the knitted garments such as polo shirt, T-shirt, Sweat shirt, sportswear, swim wear, sweater, under garments, children's wear etc. It should be noted here that, properties of each knit garments are influenced by the construction, specification and properties of knit fabrics used in the knit garments. In the past we have discussed about the different types of fabrics used in woven shirt manufacturing but today we will discuss about various types of fabrics which are considerably used in knit garments manufacturing.

Classifications of Knit Fabric

Basically knit fabrics are three types, those are

1. Weft knitted fabrics,
2. Warp knitted fabrics,
3. Crochet fabrics.



FABRIC

TYPES

1. Weft knitted fabrics

Weft knitted fabrics is characterized by a series of horizontal loops formed by horizontally running threads and binds with previously formed series of loops of the same thread. This types of fabrics is mostly used in knit garments manufacturing.



2. Warp knitted fabrics

In case of weft knitted fabrics, structural threads of the fabric is run along with the length of the fabric which is approximately parallel with the fabric selvedge. Here, one horizontal row of loops or course is made from many threads and in this way warp knitted fabric is formed. This types of fabrics is not widely used in knit garments as weft knitted fabrics.



3. Crochet fabrics

In case of crochet fabrics, construction is completely different with warp and weft knitted fabrics. Here, one thread is used which chains upon itself and cross-link are formed with previously formed chain to produce crochet fabrics.



FABRIC TYPES

Types of Fabric Used in Knit Garments Manufacturing:

There are different types of knitted fabrics, which are vastly used in T-Shirt or polo shirt manufacturing has mentioned in the below with correct fabric image.

1. 100% cotton single jersey fabrics



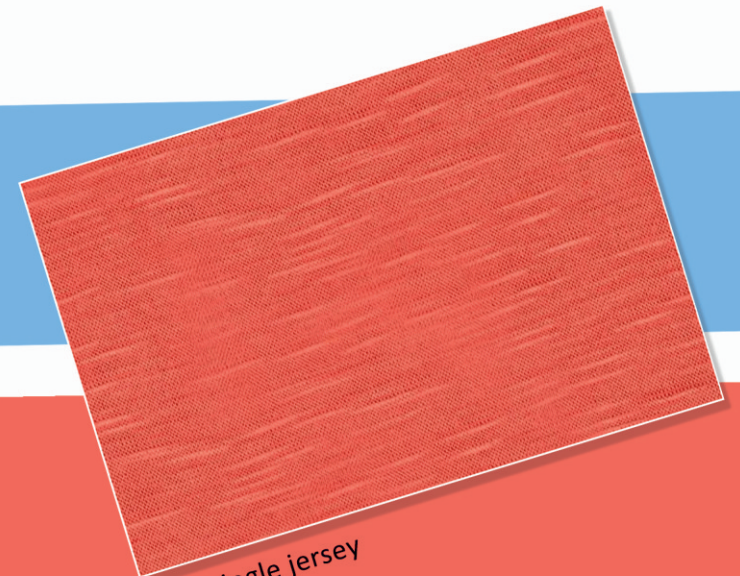
Cotton single jersey fabric

2. Lycra or spandex single jersey fabrics



Lycra single jersey

3. Slub single jersey fabrics



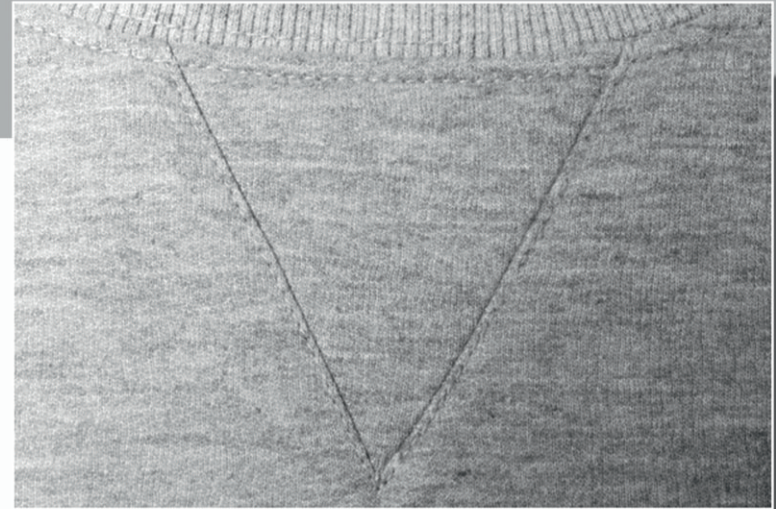
Slub single jersey

FABRIC

TYPES



4. Burn out single jersey fabrics



5. Grey melange fabrics



6. Grey melange slub fabrics

FABRIC

TYPES



11. Design terry fabrics

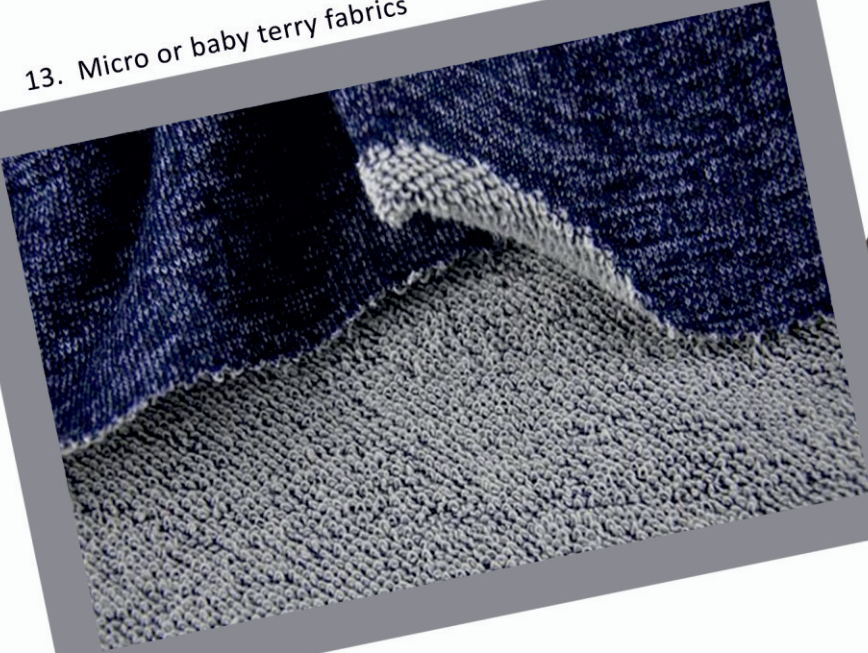
10. French terry slub fabrics

12. French terry fabrics (inside brushed)

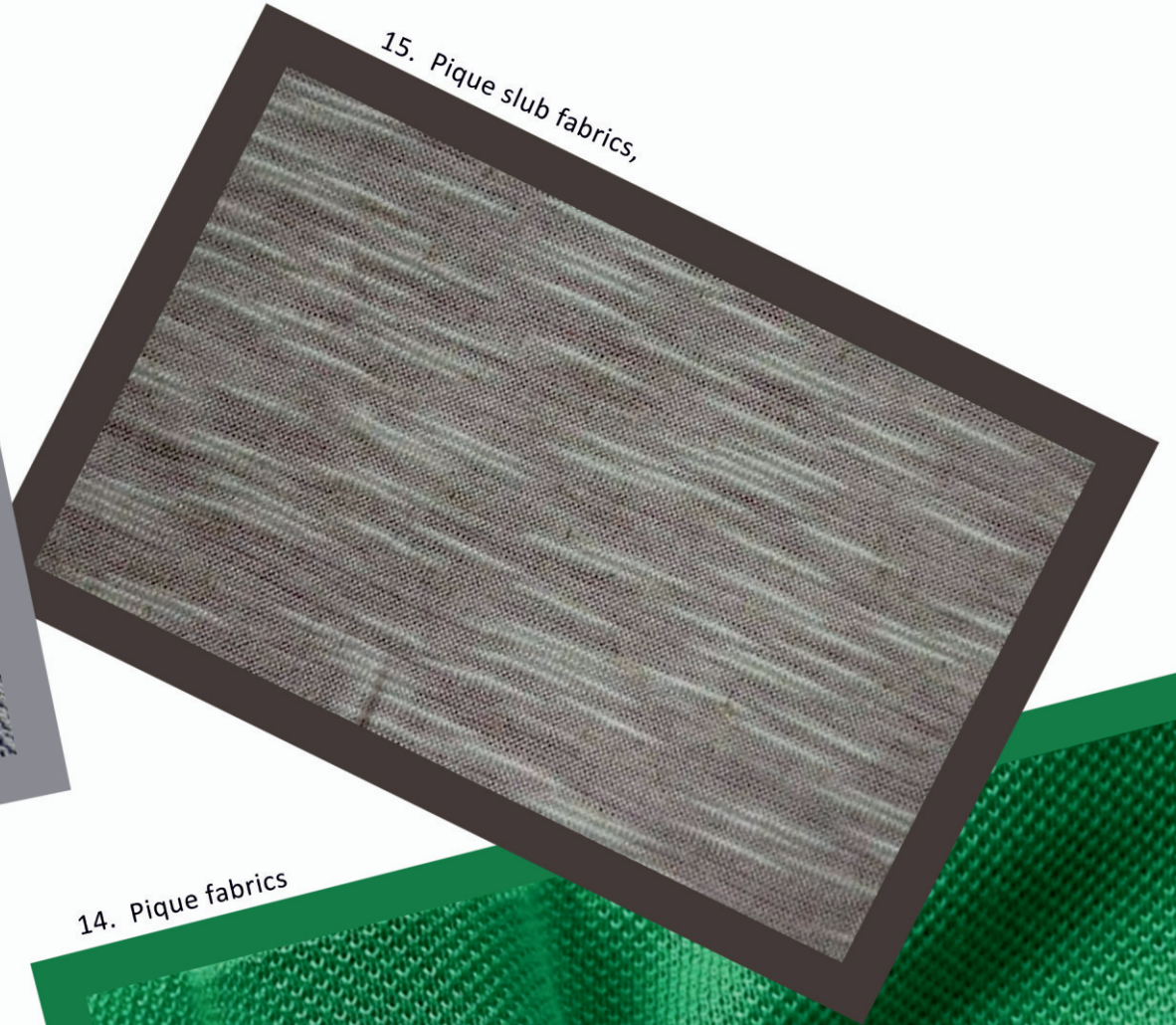


FABRIC TYPES

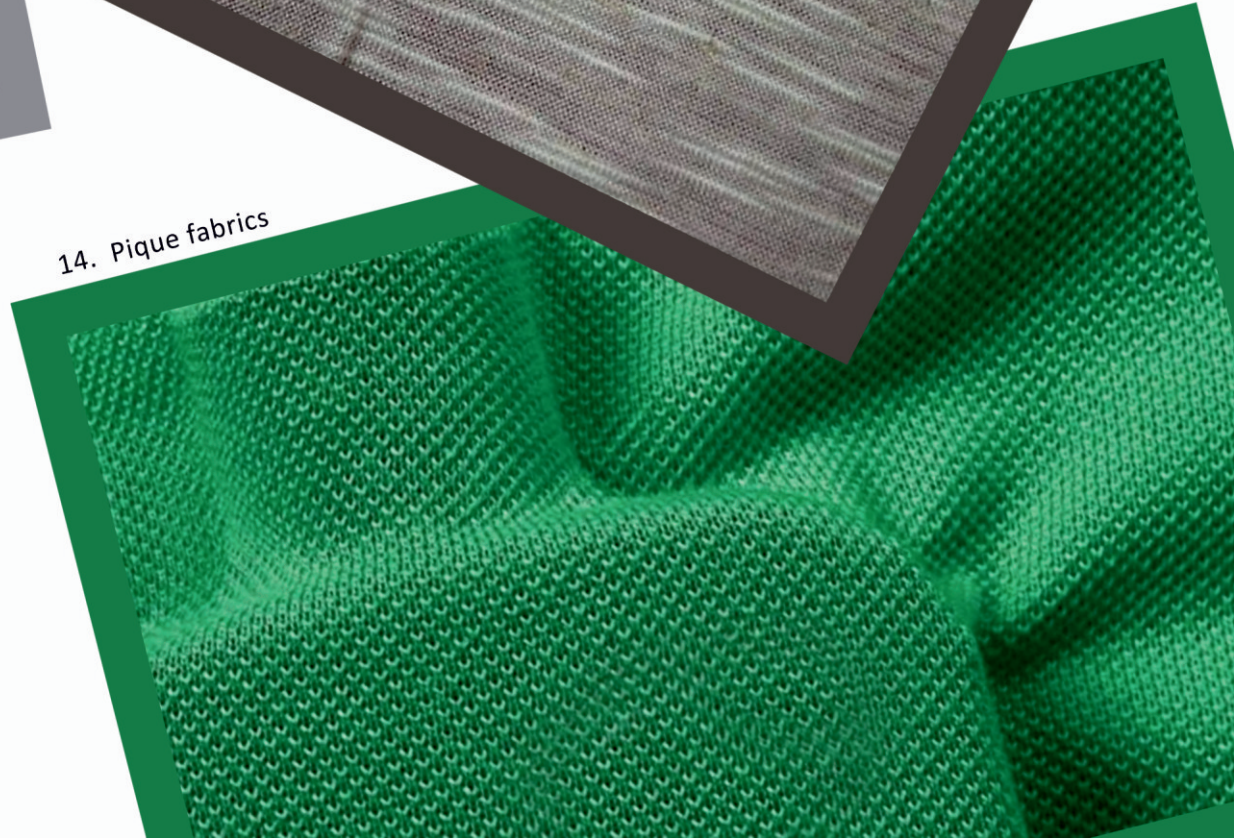
13. Micro or baby terry fabrics



15. Pique slub fabrics,



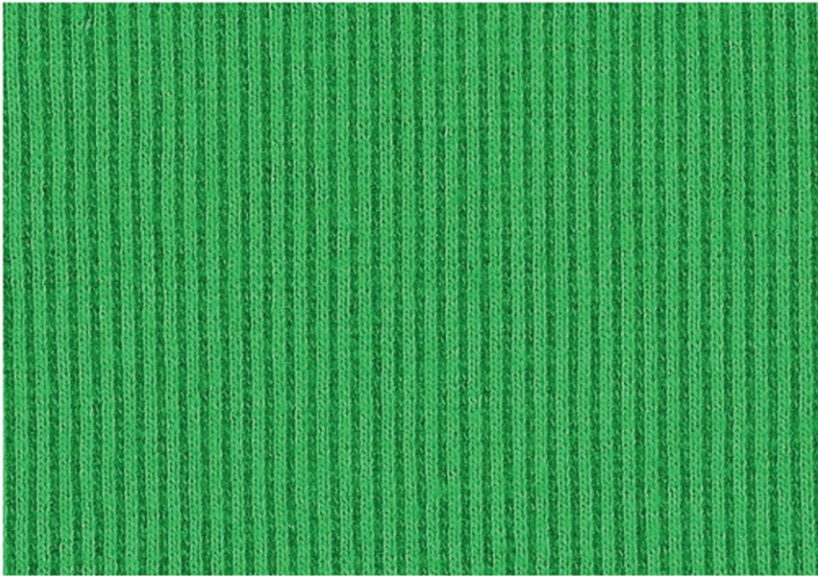
14. Pique fabrics



FABRIC TYPES

FABRIC TYPES

16. Lacoste fabrics



18. 2×1 Rib fabrics



17. 1×1 Rib fabrics



19. Sequin fabrics



W O V E N F A B R I C S

Woven fabric is a fabric, which is made by the interlacement of two sets of warp and weft yarn. At least two sets of yarn are needed to make a woven fabric. AKR manufactures a wide range of woven fabrics and custom-made woven fabrics with different fibre blends with different blending ratios according to customer's requirement. And below are some varieties of woven fabric types we manufacture.

SEE OUR PRODUCT RANGE

WOVEN KNITTED FABRICS

- Denim fabric.
- Twill fabric.
- Oxford fabric.
- Pongee fabric.
- Flannel fabric.
- Printed fabric.
- Grey fabric.
- Y/D check fabric.
- S/D sheeting fabric.
- T/C fabric.
- Solid fabric.
- Dobby fabric.
- Pocketing fabric.
- Tappet fabric.
- Brushed check fabric.



K N I T T E D F A B R I C S

When a fabric is made by interloping of one set of yarn is called knitted fabric. At list one or one set of yarn is needed to make a knit fabric. AKR manufactures wide range of knitted fabrics and custom made knitted fabrics with different fibre blend with different blending ratios according to customer's requirement. And below are the some varieties of knitted fabric types we manufacture.

Carded Knitted Fabrics

- Fleece fabric.
- Interlock step fabric.
- 1×1 Rib fabric.
- Terry fabric.
- Polar fleece fabric.
- Nackra single jersey fabric.
- Drop needle interlock fabric
- S\D P.K fabric
- Interlock fabric
- Rib-flat black fabric.
- Single jersey fabric.
- Single lacoste fabric.
- Double lacoste fabric.
- Mini mesh fabric.
- Pointed drop needle rib fabric.
- Micro fabric.
- Haney con fabric.
- All over print single jersey fabric.
- 2×2 Rib fabric.
- Y\D P.K fabric.



K N I T T E D F A B R I C S



HOME TEXTILES

AKR's highly skilled home textile division with high craftsmanship delivers different type of home textile made-up, and some are listed below.

PRODUCT LIST

- Sheets and Pillowcases
- Turkey towels
- Bath set
- Comforters
- Quilt/Duvet covers
- Bed-in-a-Bag
- Decorative pillows
- Curtains
- Upholstery fabrics



PERFORMANCE FABRICS

AKR jointly with its approved performance fabric manufacturer supplies below custom fabric types for its global customer.

PRODUCT LIST

- AKR cool Fabric
- AKR Anti bacterial Fabric
- AKR anti sweat fabric
- AKR anti static fabric
- AKR keep warm fabric
- AKR 4 in 1 fabric



INSTITUTIONAL TEXTILES

AKR's highly skilled home Institutional division with high craftsmanship delivers different type of Institutional textile made-up, and some are listed below.

PRODUCT LIST

- Patient Gowns
- School uniforms
- Scrub Suits
- Lab Coats
- Chef Coats
- Hospital Sheets
- Work Wear
- Doctors and Nurses Uniforms
- High Visibility Uniforms



A P P A R E L S

AKR's highly skilled apparel division with high craftsmanship delivers different type of apparel made-up, and some are listed below.

INFANTS & CHILDREN'S GARMENTS

Pyjama suits, Track suit, T-shirt, Singlet, Baby dresses, Overcoats, Shorts, Pants, Body Romper, Baby bib, Nappy, Neckband, Hat, Pull Overs, Leggings, T Shirts, Fancy, cycling Shorts etc.

MEN'S WEAR

Polo T- Shirt, Crew neck, Boxer shorts, Raglan sleeve, Pull Over, Jogging suits, Sports shirts, pants and shorts, High neck, Hooded garments, Sleeveless Top, Cut & sew T- shirts, Innerwear and Nightwear's. Sleepwear, Sports wear Sweat Shirts Work Wear, Trousers, Etc

LADIES WEAR

Night wears, Skirts, Blouse, Sleeveless Tank top, Tights fit shirts, Pyjama sets, Wind Breakers, Maternity wears, Beach wears, Swimwear's, Lingerie's, Tie & dye, Knit Overall, Sequence embroidery dresses, Sweat Shirts, Skirts, Beach wear Tights etc

A P P A R E L S



WE ARE EASY TO REACH AND WE STRIVE TO RESPOND WITHIN 24 HOURS, OFTEN LESS.



AKR

SA 8000 - 2001 CERTIFICATION BY RINA SPA
ISO 9001 ISO 14001

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