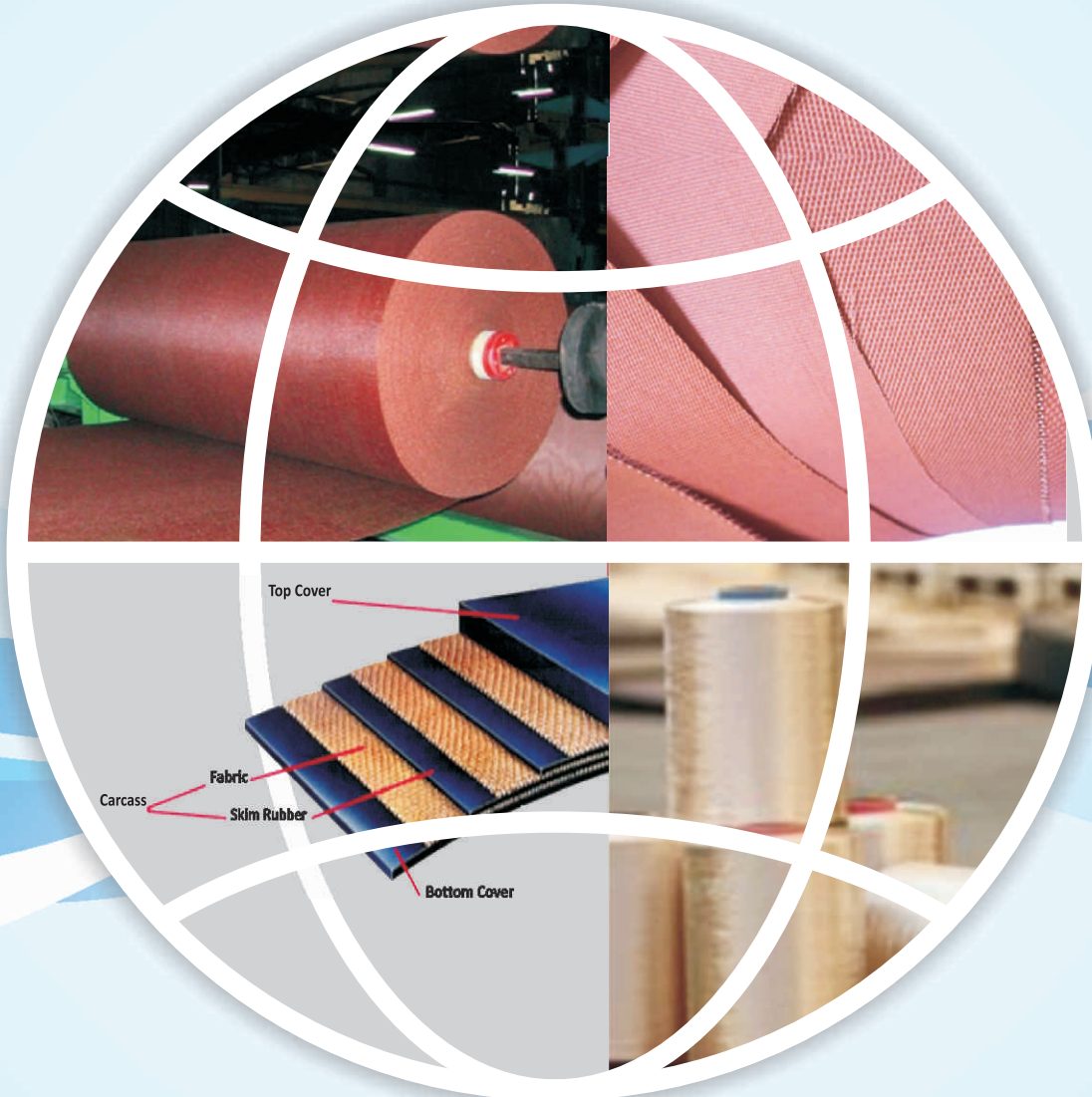




# STAR POLYMERS INC.

*Leaders In Belting Fabrics, Canvas Cloth And Yarns*



- Nylon Belting Fabric
- Polyester Belting Fabric
- Cotton Canvas Cloth
- V Belt Jacketing Fabric
- Diaphragm Fabrics And Warp Sheets
- High Tenacity Nylon Yarns
- High Tenacity Polyester Yarns



# About

A leading name as suppliers of Belting Fabrics since the last 30 years. Today our name stands for Quality, Commitment and Growth.

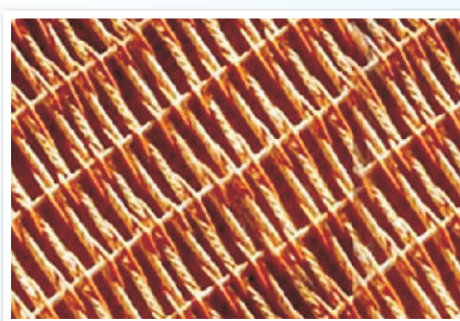
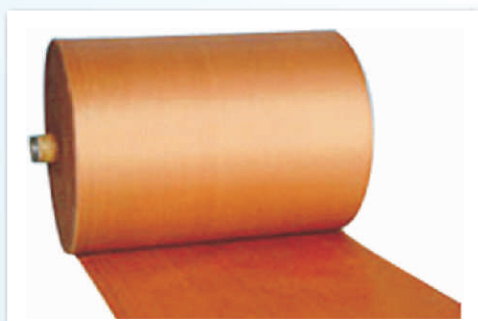
We are Sole Agents cum Indenting agents for Jiangsu Jiaheng Fibre Co.,Ltd. (China). We are Distributor / Stockist cum Agents for Wuhu S.H.Z Industrial Fabric Co., Ltd., China.

We have our own 2 large Warehouses to maintain bulk Inventory of Fabrics in All Specs and All Sizes.

## Belting Fabric

Belting Fabrics are used as reinforcement material in Conveyor belts and other mechanical rubber equipment for transmission of material or energy.

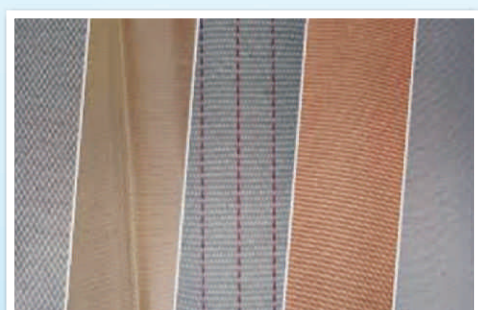
PRODUCT TYPE	MATERIAL	TENSILE STRENGTH N/CM		ELONGATION AT BREAK %		HOT AIR SHRINKAGE (150°C X 30 M,IN) %		PEEL ADHESION N/mm		THICKNESS MM		WIDTH MM	
		WARP	WEFT	WARP	WEFT	WARP	WEFT	WARP	WEFT	WARP	WEFT	WARP	WEFT
NN	WARP= NYLON 6 YARN WEFT= NYLON 6 YARN	1050-5550	400-780	25-29	50-55	≤ 5.5	≤ 0.5	≥8.0		.45-1.60		500-1900	
EP	WARP= POLYESTER YARN WEFT= NYLON 6 YARN	1050-5600	450-1000	≥14	≤45	≤5.0	≤ 0.5	≥8.0		.45-1.80		500-1900	
EE	WARP= POLYESTER YARN WEFT= POLYESTER YARN	1050-5600	450-1000	≥14	≤45	≤4.0	≤ 0.5	≥8.0		.45-1.80		500-1900	



## Cotton Canvas Cloth

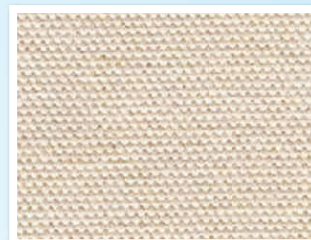
Cotton canvas cloth is made using high quality yarn and it is mostly used in belting and rubber hoses. We can manufacture tailor made cotton canvas cloth in 18 to 40 ounces.

YARN COUNT	YARN PLYS	EPI	PICKS PER INCH	GSM	WARP TENSILE ST.	WEFT TENSILE ST.	POLYESTER COUNT	COTTON COUNT
7.5±0.5	5±1	30-32	17.5±0.5	880±10	168±2	92±24	45±5	55±5



## V Belt Jacketing Fabric

Jacketing Fabrics are primarily used in the manufacturing of V-belts. The fabric is calendared with a suitable rubber Polymer. The fabrics are plain woven in square construction, and are made from high tenacity ring spun poly-cotton yarns of counts between 6's and 20's.



FABRIC THICKNESS	FABRIC WIDTH	GSM	COTTON CONTENT	POLYESTER CONTENT	%ELONGATION AT BREAK
.55±.5	106±.5	310±10	40±5	60±5	20±2

## Diaphragm Fabrics & Warp Sheets

Diaphragm fabrics can be found as coated or compression molded items in some of the most advanced automotive and technical applications.

Diaphragm fabrics are some of the most stable materials available; recognized for their heat resistance, strength, elastomeric surface stability, elastomeric diaphragm reinforcement and dynamic response for proper metering of fluids. In high temperature applications, diaphragm substrate fabrics can be designed not to melt or lose required strength.



## High Tenacity Nylon Yarns (Dipped & Undipped)

High Tenacity Nylon Yarns are available as both twisted and flat nylon yarns (Dipped & Undipped) in deniers 840 and above .

ITEM	UNIT	1890D/315F	1680D/280F	1260D/210F	840D/140F
Linear Density	Dtex	2100±30	1870±30	1400±30	930±30
Variation Coefficient of linear density	%	≤0.64	≤0.64	≤0.64	≤0.64
Tensile Strength	N	≥172	≥154	≥113	≥73
Elongation at Break	%	19-24	19-24	19-24	19-24
Elongation at standard load	%	12±1.5	12±1.5	12±1.5	12±1.5
Variation Coefficient of tensile strength	%	≤3.5	≤3.5	≤3.5	≤3.5
Tensile Strength elongation at break	%	≤5.5	≤5.5	≤5.5	≤5.5
OPU	%	1.1±0.2	1.1±0.2	1.1±0.2	1.1±0.2
Thermal Shrinkage 160°C, 2 min;	%	≤8	≤8	≤8	≤8
Thermal Stability 180° C, 4h;	%	≥90	≥90	≥90	≥90
Paper Tube	Mm	Φ75x Φ89x300	Φ75x Φ89x300	Φ75x Φ89x300	Φ75x Φ89x300 Φ94x Φ108x225
Bobbin Weight	Kg/p	7-9	7-9	7-9	4.5-6



## High Tenacity Polyester Yarns (Dipped & Undipped)

Polyester Filament Yarns are available as both twisted and flat nylon yarns (Dipped & Undipped) in deniers 500 to 2000.

PROPERTIES	UNITS	YARNS
TENACITY	cN/Tex	≤ 3.00
ELONGATED BREAK	%	89-267
HOT AIR SHRINKAGE	%	7±1.5
OIL CONTENT	%	0.60±.30
LINEAR DENSITY	%	1125-3375





COMMITMENT & QUALITY

## STAR POLYMERS INC.

### Regd. Office :

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### Gagandeep Singh

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gagan@starpolyrubber.com

### Punjab Warehouse:

V.P.O. Mudhal (Outside Octroi),  
Verka, Amritsar  
(Punjab) India

### Mumbai Warehouse:

Gala no. C-9,  
Mayashree Compound,  
Opp. Priti petrol pump, Purna village,  
Bhiwandi, Mumbai.