



**THREADS**  
(INDIA) LIMITED

# Next Generation Threads

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Shoes, Sofas, Upholstery  
Mattresses, Apparels, Quilts  
Outdoor Gear, Automotive  
Technical Textiles,  
Safety Wear



# The Shape Our Threads Take

From denim ruggedness to lingerie softness, From hand bag fashion to high heel chic. From luggage styling to sofas with extra comfort. And, from car tyre cord reliability to clothing versatility.

At Threads (India) Limited, our threads takes the shape of your request.

Threads (India) Limited is a leading Indian manufacturer of synthetic sewing thread. We produce an exhaustive range of threads catering to the individual demand of the home, apparel, industrial and special application sectors, within the country and to international brand overseas.

Advanced technological know-how is originally sourced from **Cousin Freres SA of France** supports in our endeavor to offer world class threads to the global market. And the manufacturing, at two state-of-the-art ultra modern factories situated in Kanpur, Uttar Pradesh and at Bengaluru, Karnataka in India.

Being India's only SATRA Qi make Certified Company gives our threads the true stamp of international quality.



# Our Production Capabilities

- Twisting** Copsing, Plying, Single Twisting, Double twisting, Cabling, Braiding
- Braiding** Braids, with and without core yarn, Round and Flat at 4-8-16 ends.
- Dyeing** Heat-setting, Package Dyeing, Solution Dyeing, Bleaching, Automotive Dyes, Fluorescent and Multi-colour
- Treatment** Bonded, Water-Repellent, UV, Wax Semi-Wax, Lubricate, Extra-Lubricate, Flame Retardant, Glazing, Steel Core, Anti-Static, Controlled Elongation, Anti Microbial
- Winding** Precision Winding, Soft Winding: King Spools, Reels, Cones, Bobbins and Dyetubes.
- Specialised Threads** Nylon 6 & 66, Polyester SHTP Recycled Yarn, Mono Filament, PTFE, Soft Seam, Para & Meta Aramid, Twines, Braided threads, Reflective threads, UHMWPE, Water Soluble, LCP, Homopolymer PAN, Fibre Glass, PPS





**OPEL**

**Polyamide 6.6 (Nylon 6.6) Soft**

**BONDEX**

**Polyamide 6.6 (Nylon 6.6) Bonded**

**KEY BENEFITS**

- Excellent performance of multi-directional sewing operation as the plies stay together, due to the bonding of plies
- Exceptionally high abrasion resistance due to coating of specially formulated bonding chemical
- High melting point of above 260°C, prevent the thread from melting at the needle eye while sewing
- Low stretch and excellent recovery properties resulting in very neat seams
- BONDEX is available in a range of shades

**TECHNICAL INFORMATION**

Ticket No.	Tex No.	Construction (Denier/Ply)	Breaking Strength (Kg)	Elongation Range %	Recommended Needles (NM)
80	35	100/3	2.20	18-26	70-100
60/3	45	150/3	3.20	18-26	80-110
60/2	45	210/2	3.20	18-26	80-110
40	70	210/3	5.00	20-28	90-120
30	90	210/4	6.20	22-30	110-130
20	135	420/3	10.00	25-33	120-140
15	210	630/3	15.00	24-34	130-160
10	270	840/3	20.00	24-34	160-200
8	350	1260/3	28.00	26-34	180-230
5	600	1470/3	35.00	23-31	240-280

**APPLICATIONS**

Leather shoes & garments, wallets, sports goods, automobiles seats, upholstery, mattresses, saddlery, tarpaulin, tents, safety belts.

Thread is also available in Antiwick (Water-Proof), UV Stabilized form





**QUARTZ**

**Polyamide 6 (Nylon 6) Soft**

**NYBOND**

**Polyamide 6 (Nylon 6) Bonded**

**KEY BENEFITS**

- Micromolecular lubrication to ensure minimum wear and tear of machine parts & trouble free running of thread on machine.
- Controlled low elongation and high tenacity which means even and regular seams and no skipped stitches.
- High resistance to alkali.
- High abrasion resistance.
- QUARTZ is available in a range of shades.

**TECHNICAL INFORMATION**

Ticket No.	Tex No.	Construction (Denier/Ply)	Breaking Strength (Kg)	Elongation Range %	Recommended Needles (NM)
60	45	210/2	2.80	23-31	80-110
40	70	210/3	4.00	26-34	90-120
30	105	210/4	5.40	27-35	110-130
20	135	420/3	8.00	25-33	120-140
15	210	630/3	12.00	27-35	130-160
10	270	840/3	16.00	26-36	160-200
8	350	1050/3	20.00	36-41	180-230
7	420	1260/3	24.00	28-36	180-230

**APPLICATIONS**

*Leather shoes & garments, wallets, sports goods, automobiles seats, upholstery, mattresses, saddlery, tarpaulin, tents, safety belts*

*Thread is also available in Antiwick (Water-Proof), UV Stabilized form*







## ULTIMO BONDED

## Polyester Bonded Sewing Threads & Twines

### KEY BENEFITS

- Excellent performance on multi-directional sewing operation on automatic machines as the plies do not open during sewing
- Exceptionally very high resistance to abrasion due to protective bonding chemical coating
- Very neat and even seams
- 100% increase in production
- ULTIMO (Bonded) is available in a wide range of shades

### TECHNICAL INFORMATION

Ticket No.	Tex No.	Construction (Denier/Ply)	Breaking Strength (Kg)	Elongation Range %	Recommended Needles (NM)
80	35	100/3	2.10	15-25	70-110
60	45	126/3	2.70	13-27	80-110
50	50	170/3	3.40	12-22	80-110
40	70	210/3	4.10	24-32	90-120
30	90	250/3	5.20	14-24	110-130
20	135	420/3	8.00	15-23	120-140
16	150	500/3	9.90	12-23	130-160
12	210	500/3	13.50	16-24	130-160
8	350	1000/3	21.00	19-27	180-230
10	270	840/3	18.00	15-23	160-200
6	500	1500/3	31.00	18-26	240-280

### APPLICATIONS

Leather shoes & garments, wallets, sports goods, automobiles seats, upholstery, mattresses, saddlery, tarpaulin, tents, safety belts.

Thread is also available in Antiwick (Water-Proof), UV Stabilized form





## ULTIMO

## Polyester Lubricated Sewing Threads

### KEY BENEFITS

- Very low elongation and high modulus result in very regular and neat seams
- High resistance to ultra violet rays makes it suitable for use in products exposed to sun
- Very high heat resistant
- Micro molecular lubrication results in low wear and tear of machine parts and trouble free running of thread on the machine
- ULTIMO is available in a wide range of shades

### TECHNICAL INFORMATION

Ticket No.	Tex No.	Construction (Denier/Ply)	Breaking Strength (Kg)	Elongation Range %	Recommended Needles (NM)
180	16	70/3	1.00	19-27	70-80
80	35	100/3	2.10	15-20	70-100
80/2	30	150/2	2.00	15-20	70-100
60/3	45	150/3	3.00	17-25	80-110
60/2	45	210/2	2.70	13-21	80-110
50	60	170/3	3.40	17-25	80-110
40	70	210/3	4.10	16-24	90-120
30	90	250/3	5.20	16-24	110-130
20	135	420/3	8.00	17-25	120-140
16	150	500/3	9.90	15-25	130-160
12	240	250/9	16.00	22-34	130-160
10	270	840/3	18.00	17-25	160-200
8	350	1000/3	21.00	19-27	180-230
7	450	1000/4	25.00	18-26	210-250
6	500	1500/3	31.00	18-26	240-280
5	600	1500/4	40.00	26-36	240-280
4	800	1500/5	56.00	19-27	300-350

Thread is also available in Antiwick (Water-Proof), UV Stabilized form





## EDDEN

## Poly Poly Corespun Sewing Thread

### KEY BENEFITS

- Strengths of high tenacity polyester filament and softness of polyester fibres on the seams
- Good thermal resistance
- No problem of melting of threads on high speed machines
- Very high resistance of seams to abrasion
- High productivity due to excellent performance on sewing machine due to specially formulated micro molecular lubrication
- EDDEN is available in a wide range of shades and packaging

### TECHNICAL INFORMATION

Ticket No.	Tex No.	Construction (Denier/Ply)	Breaking Strength (Kg)	Elongation Range %	Recommended Needles (NM)
15	180	4/12	8.20	17-25	150-190
20	135	3/12	7.80	18-26	130-160
25	120	3/16	5.50	18-28	130-160
30	105	2/12	5.00	15-23	110-130
35	90	3/20	4.49	20-24	110-130
40	80	2/16	3.70	19-27	105-125
50	60	3/29	2.90	18-26	100-110
60	50	3/36	2.58	18-21	90-110
75	40	2/29	2.00	18-26	90-110
100	35	2/36	1.40	15-23	80-90
120	24	2/45	1.10	15-23	70-80
140	24	2/50	1.00	14-25	60-70
180	18	2/60	0.92	14-25	60-70

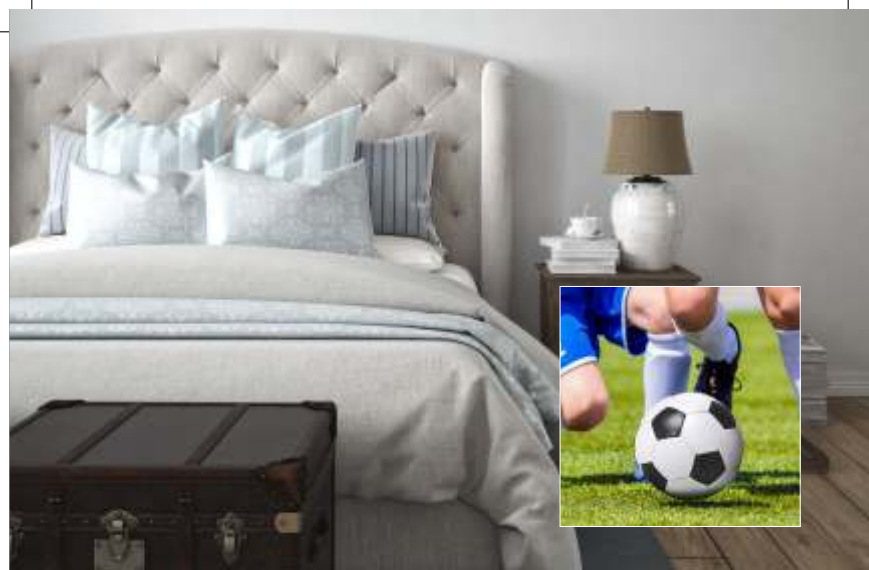
### APPLICATIONS

Denims, upholstery, bedding & mattresses, book binding, apparels, suits & formal wear, curtains & drapes

Thread is also available in Antiwick (Water-Proof), UV Stabilized form







## DUOFIL

## Poly Cotton Corespun Soft & Glazed Sewing Thread

### KEY BENEFITS

- Very high productivity due to no breakage during high speed sewing
- Ideal for all types of sewing machines
- High resistance to heat
- Strength of high tenacity polyester with softness and feel of cotton
- Very good luster due to the special polishing treatment
- DUOFIL Polished is available in wide range of shades

### TECHNICAL INFORMATION

Ticket No.	Tex No.	Construction (Denier/Ply)	Breaking Strength (Kg)	Elongation Range %	Recommended Needles (NM)
3	900	8/05	39.00	22-32	240-270
4	700	6/05	30.00	20-24	240-270
5	600	5/05	25.00	22-32	240-270
10	300	6/12	12.30	18-28	210-250
12	240	6/15	10.00	19-27	180-220
16	185	5/16	7.10	17-25	150-190
18	175	4/13	7.80	17-25	140-170
20	135	3/12	6.00	18-26	130-160
25	120	3/16	4.90	17-25	130-160
36	90	3/20	4.20	17-25	110-130
40	80	2/16	3.50	17-25	105-125
50	60	3/29	2.80	17-25	100-110
75	40	2/29	1.80	16-24	90-100
120	24	2/45	1.10	16-24	70-80

### APPLICATIONS

Denims, upholstery, bedding & mattresses, book binding, apparels, suits & formal wear, curtains & drapes

Thread is also available in Antiwick (Water-Proof), UV Stabilized form





## P-Tech

## Spun & Bonded Para-Aramid

### KEY BENEFITS

- High mechanical resistivity
- Good chemical and heat resistivity upto 450°C
- Maximum working temperature 200°C
- Self-extinguishing and does not melt or drip
- Excellent resistance to oils and petro chemicals
- Run smoothly during the sewing process
- Low elongation at break
- High modulus low elongation fibre
- Limiting Oxygen Index (LOI) value is 29

### SPUN PARA-ARAMID

#### TECHNICAL INFORMATION

Ticket No.	Tex No.	Construction (Denier/Ply)	Breaking Strength (Kg)	Elongation Range %	Recommended Needles (NM)
35	80	50/4	8.40	02-10	120-140
50	60	50/3	6.20	02-10	110-130
75	40	50/2	3.90	02-10	110-120

### BONDED PARA-ARAMID

#### TECHNICAL INFORMATION

Ticket No.	Tex No.	Construction (Denier/Ply)	Breaking Strength (Kg)	Elongation Range %	Recommended Needles (NM)
40	70	200/3	8.00	02-10	110-130
30	90	400/2	16.00	02-10	120-140
20	170	400/3	25.70	02-10	120-140
50	250	800/2	30.00	02-10	130-160

### APPLICATIONS

Filter fabric, bullet proof vest, lifesaving jackets, safety shoes, fire curtains



**M-Tech**

**Spun & Bonded Meta-Aramid**

*KEY BENEFITS*

- Excellent heat resistance up to 370°C
- Maximum working temperature is 210°C
- Self-extinguishing and does not melt or drip
- Excellent resistance to oils and petro chemicals
- High abrasion resistance
- Fair resistance to bleach
- Limiting Oxygen Index (LOI) value is 29

**SPUN META-ARAMID**

*TECHNICAL INFORMATION*

Ticket No.	Tex No.	Construction (Denier/Ply)	Breaking Strength (Kg)	Elongation Range %	Recommended Needles (NM)
40	70	40/3	2.20	26-34	100-120
70	45	70/3	1.20	24-32	80-100

**BONDED META-ARAMID**

*TECHNICAL INFORMATION*

Ticket No.	Tex No.	Construction (Denier/Ply)	Breaking Strength (Kg)	Elongation Range %	Recommended Needles (NM)
60	45	200/2	1.70	20-25	100-120
40	70	200/3	2.50	25-33	110-130
20	140	400/3	5.00	25-33	120-140

*APPLICATIONS*

*Protective clothing, industrial gloves & footwear, defense uniforms, filtration, army combat suits*





## PTFE

## Polytetrafluoroethylene

### KEY BENEFITS

- Excellent resistance to acids, alkalis, oxidizing agents and solvents
- Excellent resistance to oxidative and hydrolytic degradation
- Excellent resistance to abrasion
- Limiting Oxygen Index (LOI) value is 95
- Maximum permanent heat resistance is 260°C
- Short term max temp is 330°C
- Good resistance to heat and hydrolysis
- Unaffected in presence of sunlight

### TECHNICAL INFORMATION

Ticket No.	Tex No.	Construction (Ply)	Breaking Strength (Kg)	Elongation Range %	Recommended Needles (NM)
25	111	500/2	2.60	14-22	120-140
20	140	500/3	4.40	14-22	120-140
15	210	630/2	5.90	20-26	130-160
9	330	1000/3	8.50	06-08	180-220
6	530	1200/3	20.40	05-07	240-280

### APPLICATIONS

Boat covers, awnings and sails, sunshades and canopies, garden furniture, outdoor goods

## ZIRCON

### Braided Lubricated Semi-Wax & Waxed Threads for Machine and Hand Stitching

#### KEY BENEFITS

- High braiding level for high quality and superior appearance results
- Used on all heavy sewing machines for shoe soles and sofas
- Special structure and lubrication imparts a good gliding and needle cooling
- The calibrated waxing imparts a smooth gliding without soiling the machine and preventing seam slippage
- ZIRCON is available in a range of shades

#### TECHNICAL INFORMATION

Ticket No.	Tex No.	Construction Denier (Ply)	Breaking Strength (Kg)	Elongation Range %	Recommended Needles (NM)
0.4	180	70(16C)	7.20	15-23	
0.6	270	170(12C)	14.00	17-25	
0.8	360	250(12C)	20.00	17-25	170-190
1.0	450	340(12C)	28.00	17-26	190-210
1.2	700	500(12C)	40.00	17-27	220-240
1.4	900	500(16C)	49.00	19-27	240-250
1.6	1100	1000(12C)	78.00	17-27	250-270
1.7	1400	630(16C)	62.00	30-38	250-270

#### APPLICATIONS

*Moccasins, soles stitching, welts, ornaments, luggage, saddlery, decorative seams on upholstery, furnishing materials, automotive seats, boat sails, nautical articles*

Thread is also available in Antiwick (Water-Proof), UV Stabilized form







## SAPPHIRE

### Premium Quality 100% Spun Polyester Sewing Thread – High Tenacity

#### KEY BENEFITS

- Very high suppleness
- Natural aspects
- Micromolecular lubrication for very smooth high speed sewing operation
- Rot proof
- High resistance to ultra violet radiation
- Very high colour fastness
- SAPPHIRE is available in a wide range of shades & packing

#### TECHNICAL INFORMATION

Ticket No.	Tex No.	Construction (Denier*Ply)	Breaking Strength (Kg)	Elongation Range %	Recommended Needles (NM)
180	16	2/60	0.60	12-19	60-70
120	24	2/50	0.84	12-19	60-70
120	27	3/65	0.92	12-20	70-80
120	27	2/40	1.02	12-20	70-80
100	30	3/60	1.06	12-20	80-90
80	35	3/50	1.30	12-20	90-100
75	40	2/30	1.50	12-20	90-100
70	45	3/40	1.40	12-20	90-100
65	48	2/25	1.60	12-20	100-110
50	60	2/20	2.10	14-22	100-110
40	70	3/25	2.60	15-23	105-125
30	80	3/20	3.30	16-24	110-130
25	120	4/20	4.56	14-24	130-160
20	135	3/12	6.00	14-18	130-160

#### APPLICATIONS

Denims, upholstery, bedding & mattresses, book binding, apparels, suits & formal wear, curtains & drapes

Thread is also available in Antiwick (Water-Proof), UV Stabilized form





## JASPER

## Textured Polyester Sewing Thread

### KEY BENEFITS

- Economical
- Excellent seam coverage with lesser thread
- High elongation leads to seam extensibility for stretch fabrics
- Good seam strength and colour life after repeated laundering ensures maximum durability
- JASPER is available in a wide range of shades

### TECHNICAL INFORMATION

Ticket No.	Tex No.	Construction (Denier/Ply)	Breaking Strength (Kg)	Elongation Range %	Recommended Needles (NM)
180	16	150/1	0.60	20-34	70-80
110	24	198/1	0.90	25-30	80-90
90	35	300/1	1.20	20-34	90-110
50	50	150/3	1.80	25-30	80-110
35	60	150/4	2.40	25-30	110-130

### APPLICATIONS

*Undergarments & lingerie, t-shirts, towels, sportswear & leisurewear, babywear, household textiles*

Thread is also available in Antiwick (Water-Proof), UV Stabilized form



Threads (India) Limited manufactures specialised threads for specific segments:



## INDUSTRIAL

High tenacity filament threads in nylon and polyester meet the ever demanding high stress application areas. Core strength of uniform tension and controlled elongation, result in less machine downtime and increased productivity. These bonded range of thread uniformly coated with specially formulated chemicals avoid ply opening and worry free multi-directional stitching. This bonding has a rugged feel with exceptional abrasion resistance. Available in a wide range of specially dyed colours - to combat high UV fastness on prolonged sunlight exposure, and in anti-static and anti-wick finishes.

- Automobile Seats
- Jeep Hoods
- Safety Belts
- Shoes
- Bags
- Luggage
- Accessories

## APPAREL

For the most varied fabric segment, spun polyester combined with special core-spun threads provide a solution for every apparel sewing requirement. From stitching lightweight fabrics to extra heavy denim garments, there is a thread available in every thickness and eco-friendly colour. Two qualities – Polyester/Polyester core-spun and Polyester/Cotton core-spun, provide strength, softness and suppleness. With a high strength to fineness ratio, optimum sewing performance with top quality seams is achieved.

- Garments
- Knits
- Denim
- Lingerie
- Caps
- Zips

## HOME

A range of high tenacity filament threads with superior strength combined with top quality seams, cater to the Home segment.

Polyester/Cotton threads are ideal for soft home upholstery. They deliver a dual advantage – a softer feel of cotton on the outer cover, along with high filament polyester inner core strength.

A niche range of high tenacity filaments threads with special finishes are also available for quilting and mattresses.

- Sofas
- Upholstery
- Mattresses
- Quilts
- Curtains
- Carpets

## SPECIAL APPLICATIONS

Special thread cater to this segment where the thread determines not only the specific nature of the application but also the fitment of the product. The threads for these applications are much stronger and more flexible, and are manufactured to endure more wear and tear.

A range of technology thread in Nomex™ \* and Kevlar™ \*, Polypropylene Threads are PTFE Threads in various thicknesses are available to meet the stringent norms and requirements of these technical applications.

\*Nomex and Kevlar are trademarks of Dupont, USA

- Tyre Cord
- Industrial Filters
- Parachutes
- Geotextiles
- Tarpaulin
- Tents



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