
OP
THREADS
The loop of trust and perfection

We don't sell thread by weight. We engineer loops that hold.

01 Continuity

Unbroken loop. continuous filament with peer logic, knotless promise. Line never breaks from cone to seam.

02 Trust

Proof before claim. Every lot shipped with tensile trace, elongation curve and heat data. No marketing, just measure.

03 Perfection

Measured grid. Tkt, tex, strength, elongation tenacity, all held within ±3% CV. Perfection is not feeling, it is tolerance.

VISION

To be the most trusted loop in every high-performance sewing product — where continuity meets precision.

MISSION

Engineered threads that hold strength, softness and stability in one unbroken loop, delivering measurable perfection for manufacturers who cannot afford failure.

ABOUT OP THREADS

OP Threads is a new-age Indian engineered thread startup founded in India, built on three words: Continuity, Trust, Perfection. Copper = craft, Graphite = engineering. Copper is the hand that guides; Graphite is the grid that measures. Cosmic Power = our product naming is celestial because every thread is a star that holds a universe together.

COPPER CRAFT

GRAPHITE ENGINEERING

Four families.
Thirteen stars.
One loop logic.

Each family shares a construction logic and finish philosophy.
All products measured on the same fine-to-solid character scale.






HT-S 04

High Tenacity Soft

Unbonded strength. Fluid run.

Titan Pulsar Quasar

BD-P 03

Bonded Performance

Locked finish. Route-proof.

Falcon Spirit Stallion

TX-D 03

Textured & Decorative

Soft hand. Visible light.

Nebula Orion Helix

SP-U 03

Spun & Utility

Staple logic. Engineered weight.

Vega Atlas Photon Neutron

High Tenacity Soft

UNBONDED STRENGTH, FLUID RUN

Titan

HIGH TENACITY POLYESTER

“Strength that moves smoothly.”

Titan is a high tenacity (HT) continuous filament (CF) lubricated polyester thread having excellent breaking strength, elongation, durability, optimum stretch and low friction lubrication which reduces the effects of needle heat and abrasion; resulting in attractive and fine seams on applications like: mattress quilting, tape edging, soft luggage, leather footwear and leather goods.

PRIMARY USES

- Multi Needle Quilting
- Mattresses Tape Edging
- Laptop Bags, Duffle Bags
- Backpack Bags, Soft Luggage
- Air-Bags
- Seat Belts and Seat Covers
- Automotive Interiors
- Shoes and Sandals
- Outdoor Goods
- Sports Equipments
- Slings
- Leather goods: Belts, Wallets, etc
- Safety Harness





High Tenacity Soft

UNBONDED STRENGTH, FLUID RUN CONTINUED

Pulsar

HIGH TENACITY NYLON 6

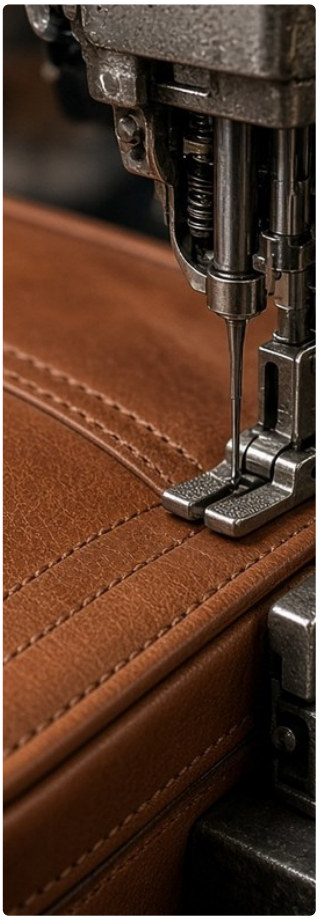
"Flexible strength. Clean control."

Pulsar is engineered to provide excellent flexibility, elongation and reliable sewing performance across a wide range of demanding applications.

PRIMARY USES

- Multineedle Quilting
- Mattresses Tape Edging
- Laptop Bags, Duffle Bags
- Backpack Bags, Soft Luggage
- Air-Bags
- Seat Belts and Seat Covers
- Automotive Interiors
- Shoes and Sandals
- Outdoor Goods
- Sports Equipments
- Slings
- Leather goods: Belts, Wallets, etc
- Safety Harness
- Filtration
- Protective footwear





Quasar

HIGH TENACITY NYLON 66

"High-energy performance at every stitch."

Quasar is engineered for applications where strength, elongation, thermal resistance and sewing efficiency are critical. Its enhanced performance characteristics make it particularly suitable for demanding outdoor and industrial products.

PRIMARY USES

- Tents, Parachute
- Duffle Bags, Backpack Bags
- Hard & Soft Luggage
- Air-Bags
- Seat Belts and Seat Covers
- Automotive Interiors
- Shoes and Sandles
- Outdoor Goods
- Sports Equipments
- Slings
- Leather goods: Belts, Wallets, etc
- Safety Harness
- Filtration
- Protective footwear





Bonded Performance

LOCKED FINISH, ROUTE-PROOF

Falcon

POLYESTER BONDED

"High-energy performance at every stitch."

Falcon thread is recognized for its robustness and durability. This makes it ideal for various sectors, including the automotive industry, footwear production, leather goods, handbags, and specialized applications such as filtration products.

PRIMARY USES

- Tents, Parachute
- Mattresses Tape Edging
- Laptop Bags, Duffle Bags
- Hard & Soft Luggage
- Air-Bags
- Seat Belts and Seat Covers
- Automotive Interiors
- Shoes and Sandals
- Outdoor Goods
- Sports Equipments
- Slings
- Leather goods: Belts, Wallets, etc
- Safety Harness
- Filtration
- Protective footwear
- Furniture and Upholstery
- Military applications
- Geotextiles





Spirit

NYLON 6 BONDED

"High-energy performance at every stitch."

Spirit is a lubricated, high-performance & high-strength sewing thread engineered for applications requiring controlled stretch, smooth sewing performance, high abrasion resistance and dependable seam durability.

PRIMARY USES

- Tents, Parachute
- Mattresses Tape Edging
- Laptop Bags, Duffle Bags
- Hard & Soft Luggage
- Air-Bags
- Seat Belts and Seat Covers
- Automotive Interiors
- Shoes and Sandals
- Outdoor Goods
- Sports Equipments
- Slings
- Leather goods: Belts, Wallets, etc
- Safety Harness
- Filtration
- Protective footwear
- Furniture and Upholstery
- Military applications
- Geotextile





Stallion

NYLON 66 BONDED

"High-energy performance at every stitch."

Stallion is a lubricated, high temperature resistance, high-performance & high-strength sewing thread engineered for demanding sewing applications requiring strength, durability, controlled elongation and excellent abrasion resistance.

PRIMARY USES

- Tents, Parachute
- Mattresses Tape Edging
- Laptop Bags, Duffle Bags
- Hard & Soft Luggage
- Air-Bags
- Seat Belts and Seat Covers
- Automotive Interiors
- Shoes and Sandals
- Outdoor Goods
- Sports Equipments
- Slings
- Leather goods: Belts, Wallets, etc
- Safety Harness
- Filtration
- Protective footwear
- Furniture and Upholstery
- Military applications
- Geotextiles





Textured & Decorative

SOFT HAND, VISIBLE LIGHT

Nebula

TEXTURED- POLYESTER

“Comfort with a richer, softer touch.”

Nebula is a textured sewing thread engineered to provide a soft hand feel, smooth surface and excellent seam coverage. Its textured filament construction makes it particularly suitable for looper applications in overlock, serging and cover-stitch operations, where softness and wearer comfort are essential.

PRIMARY USES

- For comfort in all next-to-skin
- garments
- Denim Wears
- Activewear
- Sportswear and Leisurewear
- Underwear and Lingerie
- Babywear
- Household Textiles
- Garments Overlocking
- Mattress Overlocking





Orion

TEXTURED- NYLON

“Light follows every turn.”

Orion is a textured sewing thread engineered to provide a soft hand feel, smooth surface and excellent seam coverage. Its textured filament construction makes it particularly suitable for looper applications in overlock, serging and cover-stitch operations, where softness and wearer comfort are essential.

PRIMARY USES

- For comfort in all next-to-skin
- garments
- Denim Wears
- Activewear
- Sportswear and Leisurewear
- Underwear and Lingerie
- Babywear
- Household Textiles
- Garments Overlocking
- Mattress Overlocking





Helix

TRILOBAL EMBRIODERY

“Light follows every turn.”

HELIX is an embroidery thread developed to deliver exceptional durability, brilliant colour effects and a distinctive lustrous appearance. Its specialized trilobal construction enhances light reflection, creating a bright, vibrant and shimmering embroidery effect.

PRIMARY USES

- Sportswear
- Denim & Garments
- Underwear and Lingerie
- Workwear
- Home Textiles
- Home Interiors
- Ladies Wear
- Automotive
- Leather Goods
- Swimwear & Outdoor Items
- Logos
- Brand Designs





Spun & Utility

STAPLE LOGIC, ENGINEERED WEIGHT

Atlas

100% SPUN POLYESTER

"Built to carry visible strength."

ATLAS is a polyester staple spun sewing thread developed for applications where dependable seam quality, excellent colour retention and consistent sewing performance are essential.

PRIMARY USES

- Denim & Garments
- Knitwear
- Wovens
- Shirts and Blouses
- Jackets and Trousers
- Fashionable Apparels
- Dresses
- Workwear
- Economy Denim
- Underwear & Lingeries
- Quilting
- Bags and Luggage
- Umberllas, Rain Coats
- Saftey Equipments





Hexa

POLY POLY CORE SPUN

"Fine detail, cleanly defined."

HEXA is a premium poly-poly core spun polyester sewing thread engineered for applications where high seam quality, colour retention and consistent sewing performance are essential.

PRIMARY USES

- Denim & Garments
- Knitwear
- Wovens
- Shirts and Blouses
- Jackets and Trousers
- Fashionable Apparels
- Dresses
- Workwear
- Economy Denim
- Underwear & Lingeries
- Quilting
- Bags and Luggage
- Umberllas, Rain Coats
- Saftey Equipments





Neon

POLY COTTON CORE SPUN

"Built to carry visible strength."

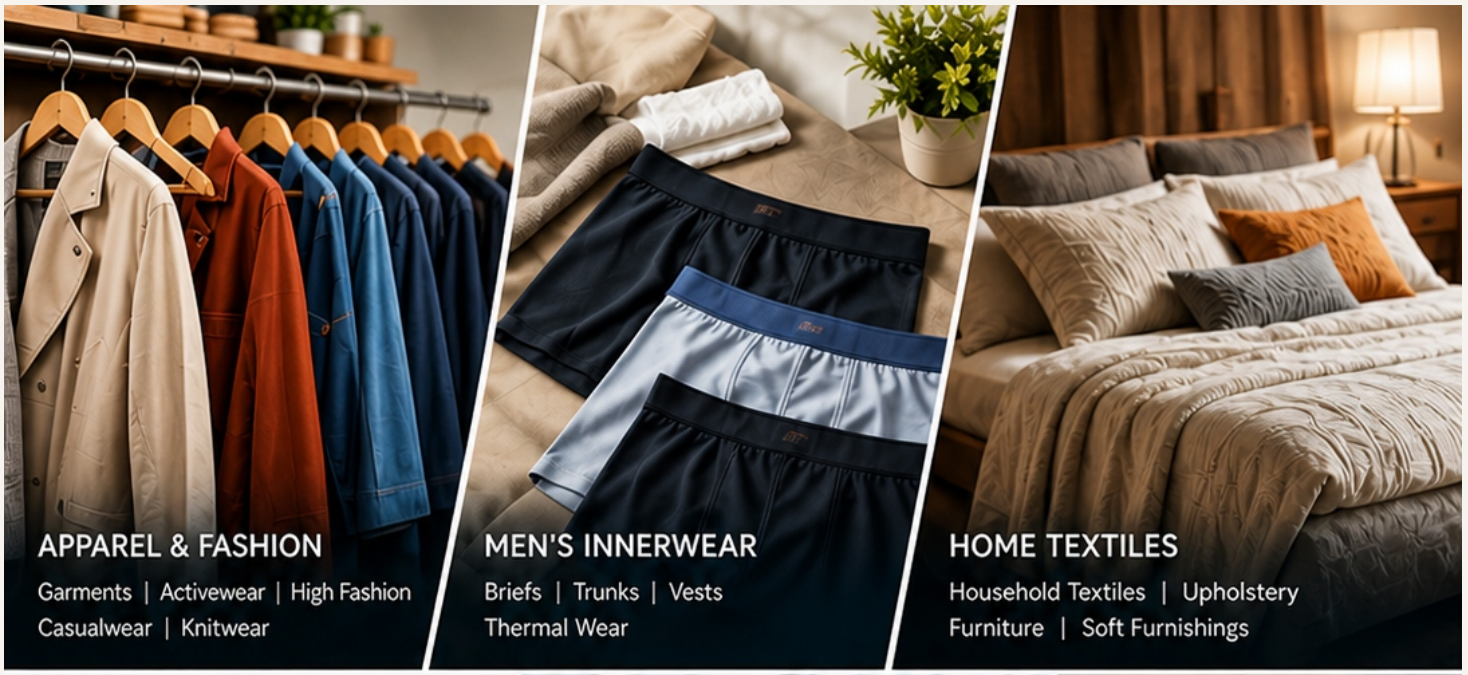
NEON is a premium poly-cotton core spun polyester sewing thread engineered for applications where high seam quality, colour retention and consistent sewing performance and ready for deying products are essential.

PRIMARY USES

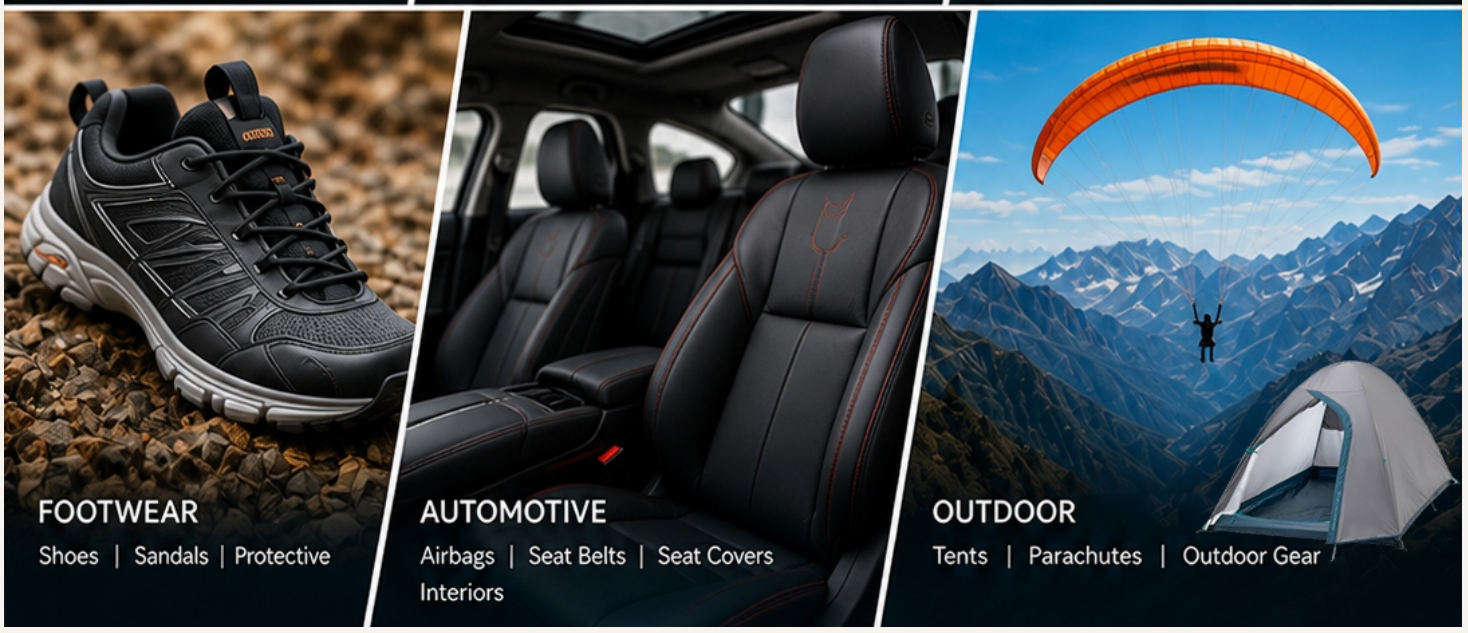
- Denim & Garments
- Knitwear
- Wovens
- Shirts and Blouses
- Jackets and Trousers
- Fashionable Apparels
- Dresses
- Workwear
- Economy Denim
- Underwear & Lingeries
- Quilting
- Bags and Luggage






APPAREL & FASHION
Garments | Activewear | High Fashion
Casualwear | Knitwear
MEN'S INNERWEAR
Briefs | Trunks | Vests
Thermal Wear
HOME TEXTILES
Household Textiles | Upholstery
Furniture | Soft Furnishings


MATTRESS & BEDDING
Mattresses | Tape Edging
Bedding
BAGS & LUGGAGE
Backpacks | Duffies | Laptop Bags
Hard/Soft Luggage | Industrial Bags
LEATHER GOODS
Belts | Wallets | Leather Products


FOOTWEAR
Shoes | Sandals | Protective
AUTOMOTIVE
Airbags | Seat Belts | Seat Covers
Interiors
OUTDOOR
Tents | Parachutes | Outdoor Gear



SAFETY & MILITARY

Safety Harnesses | Safety Equipment
Military Products



INDUSTRIAL

Industrial Products | Heavy-Duty Sewing
General Industrial Sewing



FILTRATION

Industrial Filters | Technical Filters
Filter Bags | Filtration



TECHNICAL TEXTILES

Geotextiles | Nylon Applications
Technical Fabrics



PACKAGING

Industrial Packaging
Bulk Bags



EMBROIDERY & DECORATION

Machine Embroidery | Decorative Textiles



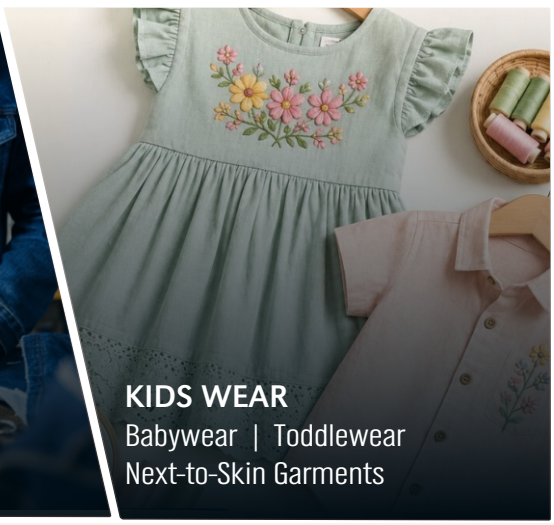
SPORT

Football | Volleyball | Cricket
Other Sports Products



DENIM

Jeans | Jacket



KIDS WEAR

Babywear | Toddlewear
Next-to-Skin Garments

Technical Specification - TITAN

Tkt	Tex	Denier/Ply	Breaking Strength (Gms)	Elongation % Min- Max	Recommended Needles (NM)
180	16	70/3	1,050	15 – 30	70 - 80
80	35	100/3	2,100	15 – 30	75 - 100
80	30	150/2	2,000	15 – 30	75 - 100
60	45	150/3	3,000	15 – 30	85 - 110
60	45	210/2	2,700	15 – 30	85 - 110
50	60	170/3	3,500	15 – 30	85 - 110
40	70	210/3	4,100	15 – 30	95 - 120
30	90	250/3	5,200	15 – 30	110 - 130
20	135	420/3	8,000	15 – 30	120 - 140
16	150	500/3	10,000	15 – 30	130 - 160
12	240	250/9	16,000	15 – 30	130 - 160
10	270	840/3	18,000	15 – 30	160 - 200
8	350	1000/3	21,000	15 – 35	180 - 230
7	450	1000/4	25,000	15 – 35	210 - 250
6	500	1500/3	31,000	15 – 35	240 - 280
5	600	1500/4	40,000	15 – 35	240 - 280

Technical Specification - FALCON

Tkt	Tex	Denier/Ply	Breaking Strength (Gms)	Elongation % Min- Max	Recommended Needles (NM)
180	16	70/3	1,050	15 – 30	70 - 80
80	35	100/3	2,100	15 – 30	75 - 100
80	30	150/2	2,000	15 – 30	75 - 100
60	45	150/3	3,000	15 – 30	85 - 110
60	45	210/2	2,700	15 – 30	85 - 110
50	60	170/3	3,500	15 – 30	85 - 110
40	70	210/3	4,100	15 – 30	95 - 120
30	90	250/3	5,200	15 – 30	110 - 130
20	135	420/3	8,000	15 – 30	120 - 140
16	150	500/3	10,000	15 – 30	130 - 160
12	240	250/9	16,000	15 – 30	130 - 160
10	270	840/3	18,000	15 – 30	160 - 200
8	350	1000/3	21,000	15 – 35	180 - 230
7	450	1000/4	25,000	15 – 35	210 - 250
6	500	1500/3	31,000	15 – 35	240 - 280
5	600	1500/4	40,000	15 – 35	240 - 280

Technical Specification - PULSAR

Tkt	Tex	Denier/Ply	Breaking Strength (Gms)	Elongation % Min- Max	Recommended Needles (NM)
80	35	100/3	2,200	15 – 32	75 - 100
60	45	150/3	3,000	15 – 32	80 - 100
60	45	210/2	3,290	15 – 32	80 - 100
40	70	210/3	5,000	15 – 32	95 - 120
30	90	210/4	6,800	15 – 32	100 - 130
20	135	420/3	10,000	15 – 32	120 - 140
15	210	630/3	15,000	17 – 35	130 - 160
10	270	840/3	20,000	17 – 35	160 - 200
8	350	1000/3	21,000	17 – 35	160 - 230
7	450	1000/4	25,000	17 – 35	210 - 250
6	500	1500/3	31,000	17 – 35	210 - 250

Technical Specification - SPIRIT

Tkt	Tex	Denier/Ply	Breaking Strength (Gms)	Elongation % Min- Max	Recommended Needles (NM)
60	45	210/2	2,850	16 – 35	80 - 110
40	70	210/3	4,000	16 – 35	90 - 120
30	90	210/4	5,500	16 – 35	100 - 130
20	135	420/3	8,000	16 – 35	120 - 140
15	210	630/3	12,000	16 – 35	130 - 160
10	270	840/3	16,000	16 – 35	160 - 200
8	350	1260/3	24,000	16 – 35	180 - 230

Technical Specification - QUASAR

Tkt	Tex	Denier/Ply	Breaking Strength (Gms)	Elongation % Min- Max	Recommended Needles (NM)
80	35	100/3	2,200	15 – 30	75 - 100
60	45	150/3	3,000	15 – 30	85 - 110
60	45	210/2	3,300	15 – 30	85 - 110
40	70	210/3	5,000	15 – 30	95 - 120
30	90	210/4	6,800	15 – 30	110 - 130
20	135	420/3	10,000	17 – 32	120 - 140
15	210	630/3	15,000	17 – 32	130 - 160
10	270	840/3	20,000	20 – 35	160 - 200
8	350	1000/3	21,000	20 – 35	180 - 230
7	450	1000/4	25,000	20 – 35	210 - 250
6	500	1500/3	31,000	20 – 35	240 - 280
5	600	1500/4	40,000	20 – 35	240 - 280

Technical Specification - STALLION

Tkt	Tex	Denier/Ply	Breaking Strength (Gms)	Elongation % Min- Max	Recommended Needles (NM)
80	35	100/3	2,200	17 – 32	75 - 100
60	45	150/3	3,000	17 – 32	85 - 110
60	45	210/2	3,300	17 – 32	85 - 110
40	70	210/3	5,000	17 – 32	95 - 120
30	90	210/4	6,800	17 – 32	110 - 130
20	135	420/3	10,000	17 – 32	120 - 140
15	210	630/3	15,000	17 – 32	130 - 160
10	270	840/3	20,000	20 – 35	160 - 200
8	350	1000/3	21,000	20 – 35	180 - 230
7	450	1000/4	25,000	20 – 35	210 - 250
6	500	1500/3	31,000	20 – 35	240 - 280
5	600	1500/4	40,000	20 – 35	240 - 280

Technical Specification - NEBULA

Tkt	Tex	Denier/Ply	Breaking Strength (Gms)	Elongation % Min- Max	Recommended Needles (NM)
270	11	100/1	430	20 - 35	65 - 80
180	16	150/1	610	20 - 35	70 - 80
110	24	200/1	900	20 - 35	80 - 90
90	35	300/1	1200	20 - 35	85 - 110
80	35	150/2	1240	20 - 35	85 - 110
50	50	150/3	1850	20 - 35	90 - 110
35	60	150/4	2500	20 - 35	110 - 130

Technical Specification - ORION

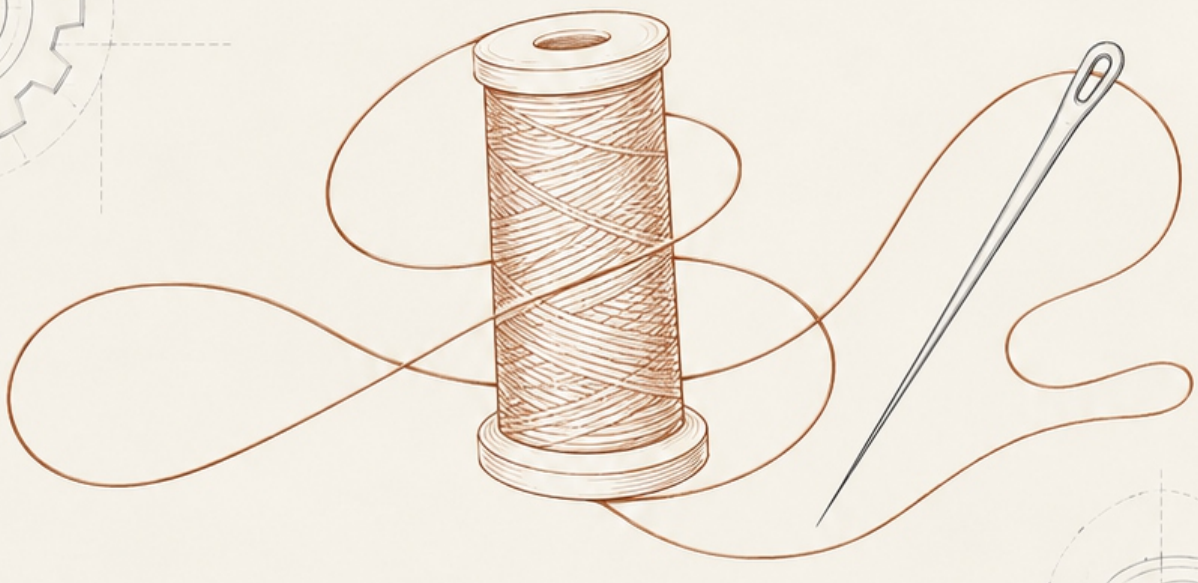
Tkt	Tex	Denier/Ply	Breaking Strength (Gms)	Elongation % Min- Max	Recommended Needles (NM)
380	8	70/1	375	20 - 35	60 - 80
190	15	70/2	750	20 - 35	60 - 80
240	12	100/1	450	20 - 35	60 - 80
120	24	100/2	900	20 - 35	70 - 100
180	16	150/1	650	20 - 35	70 - 90
80	35	150/2	1350	20 - 35	85 - 110

Technical Specification - HELIX

Tkt	Tex	Denier/Ply	Breaking Strength (Gms)	Elongation % Min- Max	Recommended Needles (NM)
180	15	70/2	700	18 - 30	60 - 80
120	27	115/2	1225	18 - 30	70 - 100
120	27	120/2	1275	18 - 30	70 - 100
60	50	230/2	2500	18 - 30	85 - 110

Technical Specification - VEGA

Tkt	Tex	Denier/Ply	Breaking Strength (Gms)	Elongation % Min- Max	Recommended Needles (NM)
10	300	840/3	19000	18 - 30	160 - 200
15	220	630/3	15000	18 - 30	130 - 160
27	111	500/2	6500	18 - 30	110 - 130
40	70	210/3	4500	18 - 30	95 - 120



THREADS THAT CONNECT
QUALITY & CRAFT

Precision • Consistency • Trust

Hold the loop
with us.

DREAMS WEAVE THREADS & YARNS PRIVATE LIMITED

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