

Threads (India) Limited

SAPPHIRE

100% Spun Polyester Thread

Sapphire made from High Tenacity Premium Quality 100% Spun Polyester Sewing Yarn.



Characteristic Features:

- **Micro-molecular lubrication** for smooth high speed sewing operation.
- High UV Resistance.
- Excellent colour fastness.

Technical Information:

Ticket No.	Tex No.	Strength (Kg.)	Elongation	Needle Size	
				Metric, Nm	Singer
220	16	0.55	9-12	60/70	10-11
210	18	0.60	9-12	60/70	10-11
180	20	0.65	9-12	70/80	11-13
130	24	0.85	9-12	70/80	11-13
120	27	1.00	15-18	70/80	11-13
110	30	1.10	15-18	80/90	13-14
100	30	1.20	15-18	80/90	13-14
75	40	1.40	15-18	90/100	14-16
65	45	1.60	17-20	90/100	14-16
60	50	1.70	17-20	90/100	14-16
55	50	2.10	18-22	100/110	16-18
50	60	2.30	18-22	100/110	16-18
40	70	2.80	18-22	100/110	16-18
36	70	3.00	18-22	110/130	16-20
36	80	3.50	18-22	110/130	16-20
25	120	4.60	18-22	130/160	20-25
20	135	5.00	20-22	140/9160	22-25

Ticket No.

220, 210, 180, 130, 120 : Shirts, Light Garments, Hosiery Garments, Soft Ladies Garments, etc.

110, 100, 75, 65, 60, 55 : Blended Trousers, Suits, Linings, Fine Stitching of Jeans, Gloves, Sleeping Bags, Upholstery, Leather Goods, Leather Garments, etc.

25, 20 : Denim Jeans, Heavy Fabrics, Upholstery, Mattresses, Webbing, Heavy Water-Proof Canvas, Leather Goods, etc.

Note: Other constructions are available on request

All TIL Threads are REACH Compliant



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ISO 9001:2008
CERTIFIED COMPANY



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EDDEN

Polyester/Polyester Corespun Thread

EDDEN is made from High Tenacity Polyester Filament, covered with a polyester sheath during the process of spinning, which is further dyed and twisted.



Characteristic Features

- **Strength** of high tenacity polyester filament and softness and feel of cotton 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.	Composition Ply/Ne	Tex No.	Breaking Strength (Gms.)	Metric Needle No.
180	2/60	18	850	60/70
140	2/50	20	1,000	70/80
120	2/45	24	1,240	70/80
100	2/36	30	1,600	80-90
75	2/29	40	2,100	90/100
60	3/36	50	2,500	90/100
50	3/29	60	3,100	100/110
50	2/20	60	3,400	100-110
40	2/16	80	3,900	100/110
35	3/20	90	4,500	100/130
30	2/12	105	4,000	110/130
25	3/16	120	5,500	130/160

Ticket No.	Applications
180, 140	: Ultra-thin over lock, blind stitch seams, light shirts and blouses, high grade trimming
120,100	: Shirts, swimwear, undergarments, jersey, bed linen, duvet covers, curtains and drapes
75, 60, 50, 40	: Jeans, camping articles, overalls, upholstery, bedding, mattresses, bookbinding, etc.
35, 30, 25	: Jeans, mattresses, tents and awnings, apron coats, rucksacks

Note: Other constructions are available on request



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DUET

Polyester/Cotton Core Spun Soft Thread

DUET is made from High Tenacity Polyester Filament covered with cotton sheath during spinning, after which it is further dyed and twisted.



Characteristics Features

- **Strength of High Tenacity Polyester Filament and softness and feel of cotton on the seams**
- High resistance to Heat due to cotton cover
- 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
- DUET is available in a wide range of shades and packaging.

Technical Information

Ticket No.	Composition	Breaking Strength (Kg.)	Tex No.	Metric Needle No.
120	2/45	1.0	24	70/80
80	3/45	1.5	35	80/90
75	2/29	1.9	40	90/100
50	3/29	2.9	60	100/110
36	2/16	3.5	80	100/110
35	3/20	3.9	90	110/130
30	2/12	3.6	105	120/140
25	3/16	5.2	120	130/160
20	3/12	6.2	135	130/160
18	4/13	6.8	150	150/160
15	5/16	7.2	180	130/160
12	6/15	9.0	240	180/200
8	6/12	10.0	300	200/230

Ticket No.	Applications
120, 80	: Shirts, blouses, undergarments, flags, light stitching
75, 50, 36	: Jeans, camping articles, overalls, upholstery, bedding, mattresses, bookbinding, etc.
35, 30, 25, 20, 15	: Jeans, mattresses, tents and awnings, apron coats, rucksacks, etc.

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JASPER

100% Polyester Filament Textured Thread

Textured Thread is made from High Quality Polyester Filament by a special process to give a textured surface. This improves cooling of the thread, thereby reducing the risk of fiber fusing. The thread is dyed and finished thereafter.



Characteristic Features

- **Economical**
- **Bulky:** Excellent seam coverage with lesser thread
- **High Stretch:** High elongation leading to seam extensibility for stretch fabrics
- **Durability:** Good seam strength and colour life after repeated laundering ensuring maximum durability
- Available in a wide range of shades and packaging

Technical Information

Ticket No.	Tex No.	Composition Dtex/Ply	Breaking Strength (Gms.)	Metric Needle No.
180	16	150/1	700	80/90
120	24	198/1	900	80/90
80	35	300/1	1,400	90/100
75	48	150/3	1,800	90/100
40	64	150/4	2,700	110/130

Ticket No.

Ticket No.	A Few Applications
180	: T-shirts, fleece goods, undergarments
120	: Under thread on multi-needle machines, over seaming and cover seaming for hosiery and underwear
80	: Heavy stitching of leather goods, ornamental stitching of leather shoes, saddlery, tarpaulin, tents, jeep hoods, safety belts, etc.
75	: Binding for heavy fabrics, over seam thread, top cover thread
40	: Binding and over seaming

Note: Other constructions are available on request



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ZIPPER

Zipper Thread

Sewing Threads for Zip Tape Stitching



Characteristics Features

- **Very low elongation and high modulus resulting in very regular and neat seams**
- Micro molecular lubrication results in low wear and tear of machine parts and trouble free running of thread on the machine
- No problem of melting of threads on high speed machines
- Very high resistance
- This sewing thread is available in various specific treatments like: water repellent treatment for water proof stitching
- Available in any packing as per the specific requirement of the customer

Technical Information (Normal Tenacity)

Ticket No.	Composition	Loop Strength	Breaking Strength
	Dtex/Ply	(Kg.)	(Kg.)
180	75/2	0.7	0.56
80	150/2	1.3	1.2
60	150/3	1.4	1.8

Technical Information (High Tenacity)

Ticket No.	Composition	Loop Strength	Breaking Strength
	Dtex/Ply	(Kg.)	(Kg.)
80	150/2	2.0	1.9
60	210/2	2.8	2.6
60	150/3	2.8	2.6

Ticket No.	Applications
180, 80, 60	: Sewing of Zipper Taped

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