

Standard Specification For Core Spun Sewing Thread

Description	Polyester / Polyester (PP)									
	16/2	16/3	18/2	18/3	21/2	29/2	29/3	36/2	36/3	45/2
Yarn Count	16/2	16/3	18/2	18/3	21/2	29/2	29/3	36/2	36/3	45/2
Tex Size	80	105-120	70	105	55	40	60	30-35	50	24
Construction (Ply)	2	3	2	3	21/2	2	3	2	3	2
Strength Average (Lb.)	9	13	8	11.5	6.7	5	7.6	3.5	4.85	2.8
Elongation %	18 +/-2%	18 +/-2%	18 +/-2%	18 +/-2%	18 +/-2%	18 +/-2%	18 +/-2%	18 +/-2%	18 +/-2%	18 +/-2%
Twist (TPI)	13 +/-0.5	11 +/-0.5	15 +/-0.5	12 +/-0.5	17 +/-0.5	18 +/-0.5	15 +/-0.5	21 +/-0.5	17 +/-0.5	23 +/-0.5
Lubrication %	8 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%
Cone Colors	Red	Black				Tan	Yellow	White	Yellow	Green

Cotton / Polyester (CP)					
16/3	21/3	19/2	29/2	36/2	45/2
16/3	21/3	19/2	29/2	36/2	45/2
105-120	80	60	40	30-35	24
3	2	3	2	2	2
11.2	9.2	6.2	4.5	3.5	2.5
19 +/-2%	18 +/-2%	18 +/-2%	18 +/-2%	18 +/-2%	18 +/-2%
11 +/-0.5	13 +/-0.5	15 +/-0.5	18 +/-0.5	21 +/-0.5	23 +/-0.5
8 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%
Black	Red	Yellow	Tan	White	Green

Standard Specification For 100% Spun Polyester Sewing Thread

Description	Spun Polyester (SP)												
	12/5	12/4	12/3	17/2	17/3	20/2	20/3	30/2	30/3	40/2	40/3	50/2	50/3
Yarn Count	12/5	12/4	12/3	17/2	17/3	20/2	20/3	30/2	30/3	40/2	40/3	50/2	50/3
Tex Size	240	180	135	70	105	60	80	40	60	27	45	21	35
Construction (Ply)	5	4	3	2	3	2	3	2	3	2	3	2	3
Strength Average (Lb.)	21	17	12.5	5.5	9.92	4.85	7.50	3.30	5.07	2.43	3.53	1.87	2.87
Elongation %	15 +/-2%	15 +/-2%	15 +/-2%	15 +/-2%	15 +/-2%	15 +/-2%	15 +/-2%	15 +/-2%	15 +/-2%	15 +/-2%	16 +/-2%	12 +/-2%	12 +/-2%
Twist (TPI)	5 +/-0.5	7 +/-0.5	10 +/-0.5	15 +/-0.5	11 +/-0.5	15 +/-0.5	12 +/-0.5	18 +/-0.5	15 +/-0.5	21 +/-0.5	18 +/-0.5	23 +/-0.5	20 +/-0.5
Lubrication %	6 +/- 1%	6 +/- 1%	6 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%	8 +/- 1%
Cone Colors					White		Red	Blue	Green	Brown		Black	Yellow

Standard Specification Air Entangled Polyester

Air Entangled Polyester		
T-40	T-60	T-90
T-40	T-60	T-90
40	60	90
4.5	6.7	9.4
17 +/-2%	17 +/-2%	17 +/-2%
4 +/-0.5	5 +/-0.5	5 +/-0.5
8 +/- 1%	8 +/- 1%	8 +/- 1%
Yellow	Blue	Blue

CHAMPION THREAD, INC
A worldwide provider of Industrial Sewing Thread
championthread.com