

POLYESTER THREAD

MCM Polyester Bonded Thread

MIL SPEC MIL-DTL-32072 (VT-285F)

Size		GOV'T	Average Yds/ Lbs	Average Break	Elongation	Diameter	TPI
15		0	30,000	1.5 LBS	MAX 26%	0.0047	16S X 12Z
23		A	21,000	2.0 LBS	MAX 26%	0.0059	16S X 12Z
33	T-30	AA	12,200	3.0 LBS	MAX 26%	0.007	16S X 12Z
46	T-45	B	9,500	7.0 LBS	MAX 26%	0.008	13S X 9Z
69	T-70	E	6,000	11 LBS	MAX 26%	0.0107	13S X 9Z
92	T-90	F	4,500	14.5 LBS	MAX 26%	0.0124	13S X 9Z
138	T-135	FF	3,000	21.0 LBS	MAX 26%	0.0152	10S X 7Z
207	T-210	3/C	2,100	31.0 LBS	MAX 26%	0.0186	10S X 7Z
277	T-270	4/C	1,500	44.0 LBS	MAX 26%	0.0231	8S X 5Z
346	T-350	5/C	1,300	53.0 LBS	MAX 26%	0.0258	8S X 5Z
415	T-400	6/C	1,000	73.0 LBS	MAX 26%	0.0283	8S X 5Z
554	T-600	8/C	630	98.0 LBS	MAX 26%	0.033	8S X 5Z

Effects of Heat: Sticks at 440° to 445° Fahrenheit. Melts at 483° Fahrenheit.

Effects of Bleaches and Solvents: Excellent resistance to bleaches and other oxidizing agents. Generally insoluble except in some phenolic compounds.

Effects of Acids and Alkalis: Good resistance to most mineral acids. Dissolve with partial decomposition in concentrated solutions of sulphuric acids. Good resistance to weak alkalis. Moderate resistance to strong alkalis at room temperature. Disintegrate in strong alkalis at boil.

Effects of Mildew, Aging, Sunlight & Abrasion: Not weakened by mildew, excellent resistance to aging and abrasion. Prolonged exposure to sunlight causes some strength loss.

Dyes used: Disperse developed and cationic (for some types), with carrier or at high temperatures



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