

FILAMENT THREAD SIZE CHART

A&E Brand & Thread Construction	Finish BT- Bonded SST - Soft & Stretch STX - Not Stretched	Tex Size	Yarn Construction	Metric Size	Dtex	Old Tkt Size	US Gov. Tkt A-A-59826	Avg.* Strength (lbs)	Avg.* Strength (grams)	Avg.* Strength (cN)	Ndl Sz.** Min. Sz.	
<i>Anefil® Nylon</i>	SST	T-14	60d X 2	200	70/2			1.7	771	756	55 / 7	
	BT, SST, STX	T-16	70d X 2	180	80/2		OO	2.0	907	890	65 / 9	
	BT, SST, STX	T-21	70d X 3	140	70/3		A	3.4	1,547	1,517	70 / 10	
	BT, SST, STX	T-30	100d X 3	80	100/3	33	AA	4.9	2,214	2,171	80 / 12	
	BT, SST, STX	T-45	210d X 2	60	225/2	46	B/2	7.4	3,357	3,292	90 / 14	
	BT, SST, STX	T-70	210d X 3	40	235/3	69	E	11.3	5,130	5,031	110 / 18	
	BT, SST, STX	T-90	210d X 4	30	225/4	92	F	15.2	6,877	6,743	125 / 20	
	BT	T-105	315d X 3	27	350/3			16.3	7,394	7,250	140 / 22	
	BT, SST, STX	T-135	420d X 3	20	450/3	138	FF	23.8	10,796	10,586	140 / 22	
	BT, SST	T-210	630d X 3	13	700/3	207	#3	34.8	15,785	15,479	160 / 28	
	BT, SST	T-270	840d X 3	10	900/3	277	#4	49.1	22,258	21,826	180	
	BT, SST	T-350	840d X 4	8	900/4	346	#5	53.1	24,095	23,628	230	
	BT, SST	T-400	1260d X 3	7	1400/3	415	#6	74.6	33,843	33,187	250	
	BT, SST	T-500			6		456	#7	71.3	32,346	31,719	280
	BT, SST	T-600	1680d X3	5	2000/3	554	#8	95.4	43,273	42,434	280	
	BT, SST	T-700	1890d X3	4	2300/3	693	#10	105.6	47,905	46,975	300	
A&E Brand & Thread Construction	Finish BMX = Bonded Monocord	Tex Size	Yarn Construction	Metric Size	Dtex	Old Tkt Size	US Gov. Tkt VT295E	Avg.* Strength (lbs)	Avg.* Strength (grams)	Avg.* Strength (cN)	Ndl Sz.** Min. Sz.	
<i>Anecord® Nylon</i>	BMX	T-14	125d X 1	220				1.9	880	863	55 / 7	
	BMX	T-16	140d X 1	180	160/1			2.4	1,066	1,045	55 / 7	
	BMX	T-18	170d X 1	160	180/1		OO	2.5	1,134	1,112	55 / 7	
	BMX	T-30	280d X 1	80	300/1			5.2	2,368	2,322	70 / 10	
	BMX	T-35	315d X 1	75	350/1		AA	5.9	2,676	2,624	80 / 12	
	BMX	T-45	420d X 1	60	450/1	46	B	7.6	3,429	3,363	80 / 12	
	BMX	T-60	525d X 1	50	600/1			9.9	4,495	4,408	100 / 16	
	BMX	T-70	630d X 1	40	700/1	63	E	11.5	5,225	5,124	110 / 18	
	BMX	T-90	840d X 1	30	900/1		F	17.0	7,720	7,570	125 / 20	
	BMX	T-105	1050d X 1	25	1050/1			18.4	8,324	8,162	140 / 22	
	BMX	T-120			20			18.5	8,410	8,247	140 / 22	
	BMX	T-135	1260d X 1	20	1350/1			26.0	11,794	11,565	150 / 23	
	BMX	T-150	1470d X 1	15	1500/1			28.0	12,696	12,450	160 / 24	
	BMX	T-350			8	3500/1		54.7	24,826	24,344	230 / 26	

Notes:

*SEB - Single End Break (lbs.) All strengths are for comparative purposes and should not be used as minimum requirements.

**Minimum recommended needle sizes. Includes both the newer Metric needle size designation and the older Singer needle size designation.

THREAD SIZE COMPARISON CHART

A&E Brand & Thread Construction	Finish BT - Bonded SST - Soft & Stretch STX - Not Stretched	Tex Size	Yarn Construction	Metric Size	Dtex	Old Tkt Size	US Gov. Tkt VT285E, Mil-DTL 32072	Avg.* Strength (lbs)	Avg.* Strength (grams)	Avg.* Strength (cN)	Ndl Sz.** Min. Sz.
Anefil® Polyester	STX	T-16	67d X 2	180	180/2		OO	1.8	816	801	65 / 9
	SST, STX	T-21	67d X 3	140	70/3		A	3.1	1,420	1,392	70 / 10
	BT, SST, STX	T-30	125d X 2	80	150/2	33	AA	3.7	1,678	1,646	80 / 12
	STX	T-35	110d X 3	75	120/3	33		5.2	2,359	2,313	80 / 12
	BT, SST, STX	T-45	220d X 2	60	225/2	46	B/2	6.8	3,066	3,007	100 / 16
	STX	T-50	150d X 3		170/3	60	B/3	6.0	2,722	2,669	110 / 18
	BT, SST, STX	T-70	220d X 3	40	235/3	69	E	10.0	4,554	4,466	110 / 18
	BT, SST, STX	T-90	220d X 4	30	225/4	92	F	13.3	6,037	5,920	120 / 20
	BT, SST, STX	T-135	420d X 3	20	450/3	138	FF	20.0	9,072	8,896	140 / 22
	BT, SST	T-210	630d X 3	15	700/3	207	#3	31.0	14,062	13,789	160 / 24
	BT, SST	T-270	840d X 3	10	900/3	277	#4	41.0	18,598	18,237	180 / 25
	BT, SST, STX	T-350	1100d X 3	8	1200/3	346	#5	57.0	25,855	25,354	230 / 26
	BT, STX	T-400	1300d X 3	7	1333/3	415	#6	66.0	29,938	29,357	250 / 27
	BT, SST	T-600	1300d X 4	5	1500/4	554	#8	91.0	41,278	40,477	280
	BT, SST	T-700	2000d X 3	4	2300/3	693	#10	92.0	41,731	40,922	300
A&E Brand & Thread Construction	Finish BMX = Bonded Monocord	Tex Size	Yarn Construction	Metric Size	Dtex	Old Tkt Size	US Gov. Tkt VT285E	Avg.* Strength (lbs)	Avg.* Strength (grams)	Avg.* Strength (cN)	Ndl Sz.** Min. Sz.
Anecord® Polyester	BMX	T-14	125d X 1	220	140/1			1.9	862	845	65 / 9
	BMX	T-45	440d X 1	60	450/1	46		7.2	3,266	3,203	100 / 16
	BMX	T-70	640d X 1	40	700/1	63		10.4	4,717	4,626	110 / 18
	BMX	T-90	840d X 1	30	900/1			14	6,350	6,227	120 / 20
	BMX	T-105	1000d X 1	25	1050/1			16.8	7,620	7,473	125 / 21
	BMX	T-120	1100 X 1	20	1200/1			19	8,618	8,451	140 / 22
	BMX	T-135	1300d X 1	20	1350/1			22.7	10,297	10,097	140 / 22
	BMX	T-180	1800d X 1	15	1800/1			34	15,422	15,123	160 / 24
	BMX	T-210	2000d X 1	15	2100/1			37	16,783	16,458	180 / 25

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