



THREAD SIZE COMPARISON CHART

A&E Brand & Thread Construction	BT- Bonded SST – Soft & Stretch STX – Not Stretched	Tex Size	Yarn Construction	Metric Size	Dtex	Old Tkt Size	US Gov. A-A-59826 Type I & II (VT295E)	Avg.* Strength (lbs)	Avg.* Strength (grams)	Avg.* Strength (cN)	Ndl Sz.** Min. Sz.
Anefil Nylon® CF Twisted Multifilament Nylon	SST	T-14	60d X 2	200	67/2			1.7	771	756	55 / 7
	BT, SST, STX	T-16	70d X 2	180	78/2		OO	2.2	998	979	55 / 7
	BT, SST, STX	T-21	70d X 3	140	78/3		A	3.4	1,547	1,517	65 / 9
	BT, SST, STX	T-30	100d X 3	80	111/3	33	AA	4.9	2,214	2,171	75 / 11
	BT, SST, STX	T-45	210d X 2	60	233/2	46	B/2	7.4	3,357	3,292	90 / 14
	BT, SST, STX	T-70	210d X 3	40	233/3	69	E	11.3	5,130	5,031	110 / 18
	BT, SST, STX	T-90	210d X 4	30	233/4	92	F	15.2	6,877	6,743	125 / 20
	BT	T-105	315d X 3	27	350/3			21.5	9,752	9,563	125 / 20
	BT, SST, STX	T-135	420d X 3	20	467/3	138	FF	23.8	10,796	10,586	140 / 22
	BT, SST	T-210	630d X 3	13	700/3	207	#3	35.0	15,876	15,568	200 / 254
	BT, SST	T-270	840d X 3	10	933/3	277	#4	49.0	22,226	21,795	200 / 25
	BT, SST	T-350	840d X 4	8	933/4	346	#5	53.0	24,041	23,574	230 / 26
	BT, SST	T-400	1260d X 3	7	1400/3	415	#6	75.0	34,020	33,360	250 / 27
	BT, SST	T-500		6		456	#7	78.0	35,381	34,694	280 / 28
	BT, SST	T-600	1680d X3	5	1867/3	554	#8	95.0	43,092	42,256	280 / 28
	BT, SST	T-700	1890d X3	4	2100/3	693	#10	106.0	48,082	47,149	300 / 29
	A&E Brand & Thread Construction	Finish BMX = Bonded Monocord	Tex Size	Yarn Construction	Metric Size	Dtex	Old Tkt Size	US Gov. A-A-59826 Type III (VT295E)	Avg.* Strength (lbs)	Avg.* Strength (grams)	Avg.* Strength (cN)
Anecord® Nylon CF Monocord Nylon	BMX	T-16	140d X 1	180	155/1		OO	1.7	771	756	55 / 7
	BMX	T-18	170d X 1	160	188/1		OO	2.5	1,134	1,112	55 / 7
	BMX	T-30	280d X 1	80	311/1	30	AA	4.8	2,177	2,135	70 / 10
	BMX	T-35	315d X 1	75	350/1		AA	5.0	2,268	2,224	80 / 12
	BMX	T-45	420d X 1	60	467/1	46	B	7.4	3,357	3,292	80 / 12
	BMX	T-60	525d X 1	50	583/1			9.9	4,495	4,408	100 / 16
	BMX	T-70	630d X 1	40	700/1	63	E	11.3	5,126	5,026	110 / 18
	BMX	T-90	840d X 1	30	933/1		F	15.2	6,895	6,761	125 / 20
	BMX	T-105	1050d X 1	25	1167/1			16.3	7,394	7,250	140 / 22
	BMX	T-120		20				18.5	8,410	8,247	140 / 22
	BMX	T-135	1260d X 1	20	1400/1		FF	23.8	10,796	10,586	150 / 23
	BMX	T-150	1470d X 1	15	1633/1		#3	28.0	12,696	12,450	160 / 24
	BMX	T-210		13				34.8	15,785	15,479	180 / 24
	BMX	T-350		8				53.1	24,086	23,619	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.



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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 Mil-DTL 32072 Type I & II (VT285E)	Avg.* Strength (lbs)	Avg.* Strength (grams)	Avg.* Strength (cN)	Ndl Sz.** Min. Sz.
Anefil Polyester®	STX	T-16	67d X 2	180	74/2		OO	1.8	816	801	65 / 9
	SST, STX	T-21	67d X 3	140	74/3		A	3.4	1,542	1,512	65 / 9
	BT, SST, STX	T-30	125d X 2	80	139/2	33	AA	4.7	2,132	2,091	70 / 10
	STX	T-35	110d X 3	75	122/3	33		5.2	2,359	2,313	70 / 10
	BT, SST, STX	T-45	220d X 2	60	244/2	46	B/2	6.7	3,039	2,980	80 / 12
	STX	T-50	150d X 3		167/3	60	B/3	6.0	2,722	2,669	90 / 14
	BT, SST, STX	T-70	220d X 3	40	244/3	69	E	10.4	4,717	4,626	100 / 16
	BT, SST, STX	T-90	220d X 4	30	244/4	92	F	13.3	6,037	5,920	120 / 20
	BT, SST, STX	T-135	420d X 3	20	467/3	138	FF	22.0	9,979	9,786	140 / 22
	BT, SST	T-210	630d X 3	15	700/3	207	#3	31.0	14,062	13,789	180 / 24
	BT, SST	T-270	840d X 3	10	933/3	277	#4	41.0	18,598	18,237	200 / 25
	BT, SST, STX	T-350	1100d X 3	8	1222/3	346	#5	57.0	25,855	25,354	230 / 26
	BT, STX	T-400	1300d X 3	7	1444/3	415	#6	66.0	29,938	29,357	250 / 27
	BT, SST	T-600	1300d X 4	5	1444/4	554	#8	84.0	38,102	37,363	280 / 28
	BT, SST	T-700	2000d X 3	4	2222/3	693	#10	105.0	47,628	46,704	
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	139/1		OO	1.9	862	845	65 / 9
	BMX	T-45	440d X 1	60	489/1	46	B	7.2	3,266	3,203	100 / 16
	BMX	T-70	640d X 1	40	711/1	63	E	10.4	4,717	4,626	110 / 18
	BMX	T-90	840d X 1	30	933/1		F	14.0	6,350	6,227	120 / 20
	BMX	T-105	1000d X 1	25	1111/1			16.8	7,620	7,473	125 / 21
	BMX	T-120	1100 X 1	20	1222/1			20.0	9,072	8,896	130 / 21
	BMX	T-135	1300d X 1	20	1444/1		FF	22.7	10,297	10,097	140 / 22
	BMX	T-180	1800d X 1	15	2000/1			34.0	15,422	15,123	180 / 24
	BMX	T-210	2000d X 1	15	2222/1		#3	37.0	16,783	16,458	200 / 25

Notes:

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