

Filament Polyester Characteristics

Government designation: VT-285

MIL-DLT32072

SUNGUARD and QTC Polyester

Size	B46 (T45)	B69 (T70)	B92 (T90)	B138 (T135)	B207 (T210)	B277 (T270)	B346 (T350)	B415 (T400)
Avg. Yards/Lb.	9250	6000	4200	2750	1840	1400	1200	870
Break Strength	7	11	14	21	30	41	53	70
Plies	3	3	4	3	3	4	5	6
Government Size	B	E	F	FF	3/C	4/C	5/C	6/C
% Elongation	14-17	14-17	14-17	14-17	14-17	14-17	14-17	14-17
Recommended Needle Size	17	20	22	24	26			
Brand	QTC Poly	QTC Poly	"SUNGUARD", SPA 92, QTC Poly	"SUNGUARD", QTC Poly	Hercules	Hercules	Hercules	Hercules

- Made in the USA of the highest quality polyester fibers available
- All threads manufactured in ISO certified mill
- Meets or exceeds the QTN Quality Assurance Standards
- Carefully selected dyes, ensuring maximum UV resistance
- UV and mildew resistant
- Chlorine and bromine resistant
- Anti-wick finish
- All "SUNGUARD" size 92 thread products are UL approved
- "SUNGUARD" size B92 is stocked in 36 designer colors
- "SUNGUARD" size B138 is stocked in 16 designer colors
- Ready-wound bobbins available in select styles and sizes

Additional brands include: Ultra Dee®, DaBond® and Anafil Polyester™

The Quality Thread & Notions Co.

32500 Solon Rd. Solon, OH 44139 (800) 521-4308 Fax (440) 349-2255 www.qualitythread.com

Filament Nylon Characteristics

Government Designation: VT 295
AA 59826

“High-Spec”, QTC Nylon, and HERCULES

Size	B33 (T35)	B46 (T45)	B69 (T70)	B92 (T90)	B138 (T135)	B207 (T210)	B277 (T270)	B346 (T350)	B415 (T400)
Avg. Yield/Lb.	13500	9800	6000	4800	3200	2005	1500	1200	1050
Break Strength	4.5	8	11	16	22	34	49	50	72
Plies	3	2	3	4	3	3	4	5	6
Government Size	AA	B	E	F	FF	3/C	4/C	5/C	6/C
% Elongation	22	22	22	22	22	22	22	26	26
Brands	QTC Nylon	QTC Nylon	High- Spec, QTC Nylon	High- Spec, QTC Nylon	QTC Nylon	Hercules	Hercules	Hercules	Hercules

- Made of the highest quality 6.6 nylon fibers
- All threads manufactured in ISO certified mill
- Meets or exceeds QTN Quality Assurance standards
- Good chemical and abrasion resistance
- “High-Spec” is stocked in 36 popular colors
- Ready-wound bobbins available in select styles and sizes

Additional Brands include: Star Nylon®, Nylbond® and Anafil Nylon®

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