

## VARGLAS SILICONE TYING CORDS

### TYPE 46 & 48

The base of our Silicone Treated Tying Cords is untreated, continuous filament fiberglass yarn. Constructed from "E" glass, they provide high strength to weight ratio and are used for high temperatures and electrical applications. Weathering and excessive humidity have little effect on these cords. The silicone resin treatment increases breaking strength and improves knot tying property.

Packaging: Spools (footage shown in chart)

TYPE 46- DRY CURE

TYPE 48- UNDER CURED & TACKY

PROPERTY	STANDARD SIZES						
	1/64"	1/32"	3/64"	1/16"	5/64"	3/32"	1/8"
O.D. (Minimum Size)	.020"	.026"	.034"	.052"	.077"	.083"	0.119"
Feet per spool	4000	2000	2000	1200	900	750	300
Percentage of Silicone Resin of Total Weight	17%	15%	15%	14%	12.5%	12.5%	11.5%
Type 46- Yards per pound	1200	575	357	173	87	73	35
Type 48- Yards per pound	1334	600	375	183	92	77	37

BREAKING STRENGTH IN POUNDS						
CORD DIAMETER	STRAIGHT BREAK			KNOTTED		
	TYPE 46	AVG.	MIN.	MAX.	AVG.	MIN.
1/64"	50.5	46.5	55	9.96	9	10.6
1/32"	103	100	106	24.5	22.2	28.4
3/64"	143	140	146	37.5	34.4	40
1/16"	260	248	274	75.1	68.5	80.5
5/64"	414	400	426	142	140	148
3/32"	410	404	418	163	156	170
1/8"	771	728	728	330	298	356
<b>TYPE 48</b>						
1/64"	39.8	37	43.5	10.5	10	10.8
1/32"	91.2	87.5	97	31.1	30	32
3/64"	133	124	142	39.2	35	43
1/16"	246	240	252	73.6	64.5	85
3/32"	412	394	436	161	156	164
1/8"	865	802	898	348	320	364

NOTE: Specimens were conditioned and tested at 72°F and 52% R.H. Breaking strengths in pound values are given only as a guide, not a specification. Elongation – Approx. 3%. Base Cords conform to Government Spec. MIL-Y-1140G, Form 2, Class C.