

STS standard wall PTFE tubing is utilized in most military applications. Special extrusion techniques produce a pin-hole-free tubing with uniform concentricity. STS is ideal for applications where heat resistance, excellent dielectric values, and chemically inert properties are required.

Appl. Specifications: AMS-3651B, AMS-3653
& MIL-I-22129C

UL File Number: E52612

Operating Temp. Range: -103°F (-75°C) to 500°F (260°C)

Flammability: VW-1

Standard Color: Natural (Translucent to opaque white)

Std. Shipping Length: Coils or spools (1/8" I.D. and above)

The heavy wall construction of STH offers the highest dielectric strength of all ICO RALLY's PTFE sleeving products. STH is the sleeving product of choice for applications that require an aggressive operating temperature range, high dielectric strength, and maximum rigidity.

Appl. Specifications: AMS-3651B

Operating Temp. Range: -103°F (-75°C) to 500°F (260°C)

Flammability: VW-1

Standard Colors: Natural (Translucent to Opaque White)

Std. Shipping Length: Coils

STS - STANDARD WALL

Catalog Number Size	Nominal I.D.		Nominal Wall Thickness		Std. Length ft / pkg
	inches	mm	inches	mm	
STS-24	0.022	0.56	0.012	0.30	100, 1000
STS-22	0.027	0.69	0.012	0.30	100, 1000
STS-20	0.034	0.86	0.016	0.41	100, 1000
STS-19	0.038	0.97	0.016	0.41	100, 1000
STS-18	0.042	1.07	0.016	0.41	100, 1000
STS-17	0.047	1.19	0.016	0.41	100, 1000
STS-16	0.053	1.35	0.016	0.41	100, 1000
STS-15	0.059	1.50	0.016	0.41	100, 1000
STS-14	0.066	1.68	0.016	0.41	100, 500
STS-13	0.076	1.93	0.016	0.41	100, 500
STS-12	0.085	2.16	0.016	0.41	100, 500
STS-11	0.095	2.41	0.016	0.41	100, 500
STS-10	0.106	2.70	0.016	0.41	100, 500
STS-9	0.118	3.00	0.020	0.51	100, 500
STS-1/8	0.125	3.18	0.020	0.51	100, 500
STS-8	0.133	3.38	0.020	0.51	100
STS-7	0.148	3.76	0.020	0.51	100
STS-6	0.166	4.22	0.020	0.51	100
STS-5	0.186	4.72	0.020	0.51	100
STS-4	0.208	5.28	0.020	0.51	100
STS-3	0.234	5.94	0.020	0.51	100
STS-1/4	0.255	6.48	0.020	0.51	100
STS-2	0.263	6.68	0.020	0.51	100
STS-1	0.294	7.47	0.020	0.51	100
STS-5/16	0.318	8.08	0.020	0.51	100
STS-0	0.330	8.38	0.020	0.51	100

Additional sizes/colors available, consult factory.

STH - HEAVY WALL

Catalog Number Size	Nominal I.D.		Nominal Wall Thickness		Std. Length ft / coil
	inches	mm	inches	mm	
STH-1/16	0.062	1.57	0.030	0.76	25, 100
STH-1/8	0.125	3.18	0.030	0.76	25, 100
STH-3/16	0.188	4.78	0.030	0.76	25, 100
STH-1/4	0.250	6.35	0.030	0.76	25, 100
STH-5/16	0.313	7.95	0.030	0.76	25, 100
STH-3/8	0.375	9.53	0.030	0.76	25, 100
STH-7/16	0.438	11.13	0.030	0.76	25, 100
STH-1/2	0.500	12.70	0.030	0.76	25, 100
STH-9/16	0.562	14.27	0.030	0.76	5, 25
STH-5/8	0.625	15.88	0.030	0.76	5, 25
STH-11/16	0.688	17.48	0.032	0.81	5, 25
STH-3/4	0.750	19.05	0.040	1.02	5, 25
STH-7/8	0.875	22.23	0.045	1.14	5, 25
STH-1	1.000	25.40	0.050	1.27	5, 25

Additional sizes/colors available, consult factory.