



firwin
We've Got You Covered

Silco Sleeve®



Silco Tape®



High grade Silicone rubber bonded to fiberglass sleeving

Silco Sleeve and Silco Tape are designed to protect hoses, wires and cables from the hazards of high heat and occasional flame. It protects continuously to 500°F and will withstand a molten splash at 2200°F. Made of either knitted or braided fiberglass yarns in a flexible substrate, it is then coated with a high grade silicone rubber.

Resistant to hydraulic fluids, lubricating oils, and fuels, Silco Sleeve insulates against energy loss in piping and hosing; protects employees from burns; and allows "bundling" of wires, hoses, and cables. The braided version allows qualified hose assemblies to pass AS1055D testing under stated flow and pressure conditions.

Silco Products
Keeping heat in its place.

Firwin Corp. - High Temperature Protection Materials

1685 Flint Road, Toronto, ON M3J 2W8 Canada ♦ tel 416 745 9389 ♦ fax 416 745 0782 ♦ www.firwin.com

SIZING CHART								
Nominal ID			Part Number			Weight (lbs/100ft)		
inches	mm	Dash #	Industrial Sleeve	Aerospace Sleeve	Industrial Tape	Ind. Sleeve	Aero Sleeve	Tape
1/4	6	-4	S-E13610-04-xx	S-E13170-04-xx		6.5	8.0	
3/8	10	-6	S-E13610-06-xx	S-E13170-06-xx		8.6	10.7	
1/2	13	-8	S-E13610-08-xx	S-E13170-08-xx		10.5	12.9	
5/8	16	-10	S-E13610-10-xx	S-E13170-10-xx		12.0	13.9	
3/4	19	-12	S-E13610-12-xx	S-E13170-12-xx		15.8	16.1	
7/8	22	-14	S-E13610-14-xx	S-E13170-14-xx		16.3	19.0	
1	25	-16	S-E13610-16-xx	S-E13170-16-xx	T-201601-00-xx	17.9	22.3	5.0
1 1/8	29	-18	S-E13610-18-xx	S-E13170-18-xx		20.6	23.5	
1 1/4	32	-20	S-E13610-20-xx	S-E13170-20-xx		23.2	26.5	
1 3/8	35	-22	S-E13610-22-xx	S-E13170-22-xx		26.2	30.0	
1 1/2	38	-24	S-E13610-24-xx	S-E13170-24xx		27.3	32.0	
1 5/8	41	-26	S-E13610-26-xx	S-E13170-26-xx		32.1	35.2	
1 3/4	44	-28	S-E13610-28-xx	S-E13170-28-xx		33.8	43.2	
2	51	-32	S-E13610-32-xx	S-E13170-32-xx	T-203201-00-xx	35.3	45.1	9.8
2 1/4	57	-36	S-E13610-36-xx	S-E13170-36-xx		42.0	49.6	
2 1/2	64	-40	S-E13610-40-xx	S-E13170-40-xx		46.5	50.0	
2 3/4	70	-44	S-E13610-44-xx	S-E13170-44-xx		49.0	58.8	
3	76	-48	S-E13610-48-xx	S-E13170-48-xx	T-204801-00-xx	54.4	69.0	14.2
3 1/4	83	-52	S-E13610-52-xx	S-E13170-52-xx		56.4	76.2	
3 1/2	89	-56	S-E13610-56-xx	S-E13170-56-xx		61.2	79.0	
3 3/4	95	-60	S-E13610-60-xx	S-E13170-60-xx		66.0	90.0	
4	102	-64	S-E13610-64-xx	S-E13170-64-xx	T-206401-00-xx	71.2	95.0	19.4
4 1/2	114	-72	S-E13610-72-xx			97.0		
5	127	-80	S-E13610-80-xx		T-208001-00-xx	115.0		25.2

xx denotes packaging. Standard packaging for sleeving is either 50ft. or 100ft/ box; tape 100ft./roll.
 Other sizes and cut lengths available. Consult factory for details and ordering information.
 Minimum order \$100.00

PHYSICAL PROPERTIES			
Fiberglass		Silicone rubber	
Fiber Type	E Glass		
Breaking Tenacity	1.71 gf/TEX. Std. 1.71 gf/TEX Wet	Durometer, Shore A - initial	35
		-aged 240hrs.@ 200degC	45
Tensile Strength	450,000-500,000 psi.		
Breaking Elongation	4.81% Std. 4.81% Wet	Tensile Strength (psi.) - initial	875
		- aged 240hrs.@ 200degC	800
Elastic Recovery	100%	Elongation % - initial	500
Average Stiffness	2824.3 cn/TEX	-aged 240hrs.@ 200degC	200
Specific Gravity	2.54-2.69	Flammability, UL94	V-1
Effect of Heat	Will not burn Retains 75% tensile at 343degC Softens at 732-877degC Melts at 1121-1182degC	Dielectric Strength (volts/mil)	485
Effect of Acids and Alkalis	Resistance to acids is fair Good resistance to most alkalis.		
Effect of bleaches and solvents	Unaffected		