



FLEXO® SILICA

60 MIL WALL THICKNESS · PROTECTS UP TO 1,800°F

PROVIDES ENHANCED THERMAL INSULATION

Densely woven Flexo® Silica Sleeve is ideal for protection of delicate components and personnel from exposure to high temperature exhausts and pipes. Silica Sleeve is braided into a strong and flexible sleeve from silica yarns. The thick 60 mil walls of this sleeving provide enhanced thermal protection up to 1,800°F. This product cuts easily with scissors or shears and expands to allow easy installation over water cooling houses, hydraulic hoses, and electrical cables. Also provides great insulation for exhaust systems.

SIZING CHART

Nominal Size	Part #	Min Expansion	Max Expansion	Wall Thickness	*Put-Ups		Available Colors	Lbs/100'
					M	L		
¼"	SLN0.25NT	¼"	½"	.060"	50'	100'	1	2.60
½"	SLN0.50NT	½"	⅝"	.060"	50'	100'	1	5.00
1"	SLN1.00NT	¾"	1⅝"	.060"	50'	100'	1	6.10
1½"	SLN1.50NT	1"	1½"	.060"	50'	100'	1	10.00
2"	SLN2.00NT	1¼"	2¾"	.060"	50'	100'	1	9.00
3"	SLN3.00NT	2½"	3½"	.060"	50'	100'	1	11.90
4"	SLN4.00NT	3½"	4½"	.060"	50'	100'	1	14.80
5"	SLN5.00NT	4½"	5½"	.060"	50'	100'	1	16.50
6"	SLN6.00NT	5½"	6½"	.060"	50'	100'	1	17.70

*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool



FEATURES

Material	Silica Yarns
Grade	SLN
Wall Thickness	.060"
Drawing Number	TF001SLN-WD
Cutting	Scissors

COLORS



Natural (NT)

CERTIFICATIONS





ABRASION

Abrasion Resistance	LOW
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	°F
Humidity	%
Material Destroyed - Braid Worn Through Both Directions	125 Test Cycles
Pre-Test Weight	mg
Post-Test Weight	mg
Test End Loss Of Mass Point Of Destruction	mg

PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	NA
Flammability Rating	Non Flammable
Recommended Cutting	Scissors
Colors	1
Wall Thickness	.060"
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	NA
Specific Gravity (ASTM D-792)	NA
Moisture Absorption % (ASTM D-570)	NA
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	NA
TML	NA
CVCN	NA
WVR	NA
Smoke D-Max (ASTM E-662)	NA
Outgassing	NA
Oxygen Index (ASTM D-2863)	NA

FLAMMABILITY

Rating	Non Flammable
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OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	3,000°F / 1,649°C
Maximum Continuous (Mil-I-23053)	1,800°F / 982°C
Minimum Continuous	°F / °C

CHEMICAL RESISTANCE

1=No Effect 2=Little Effect 3=Affected 4=More Affected 5=Severely Affected

Aromatic Solvents	1
Aliphatic Solvents	1
Chlorinated Solvents	1
Weak Bases	1
Salts	1
Strong Bases	1
Salt Water (O-S-1926)	1
Hydraulic Fluid (MIL-H-5606)	1
Lube Oil (MIL-L-7808)	1
De-Icing Fluid (MIL-A-8243)	1
Strong Acids	2
Strong Oxidants	2
Esters/Ketones	1
UV Light	2
Petroleum	1
Fungus (ASTM G-21)	1
Halogen Free	NA
RoHS	Yes
SVHC	NA