
ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: SW20-SW25
Page 1 of 2 Pages

Issue: 4
Issue Date: 3/20/2007
Effective Date: 4/20/2007

-NOTE: ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED-

CONSTRUCTION

Product	Spiral Wrap Tubing
Material	Nylon, natural

PHYSICAL PROPERTIES

Appearance	Homogeneous Surface, Free From Pinholes, Defects, Cracks, Seams, Inclusions and Chemical Bloom
Dimensions	See Figure 1 and Table 1
Colors	Natural
Temperature Rating, Continuous	-40°C to + 121°C
Tensile Strength	12,000 psi

ELECTRICAL PROPERTIES

Abrasion Resistance (Taber)	6-8
Dielectric constant	4.0

FLAMMABILITY

Flammability	Self Extinguishing
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FINISHED PRODUCT REQUIREMENTS

Product Print Legend	None
Standard Package	See Table 2
Length Tolerance	-0 / +1%
Multiple Length Spools	Maximum of 3 lengths per reel, 10 ft. minimum length of an individual piece
Governing Documents	ASTM-D-4066, Group 02, Class 1 Fed Spec L-P-410A A-A-59602, Type 2

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Page 2 of 2 Pages

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INCOMING INSPECTION CRITERIA

Physical Construction
Packaging & Labeling
Appearance

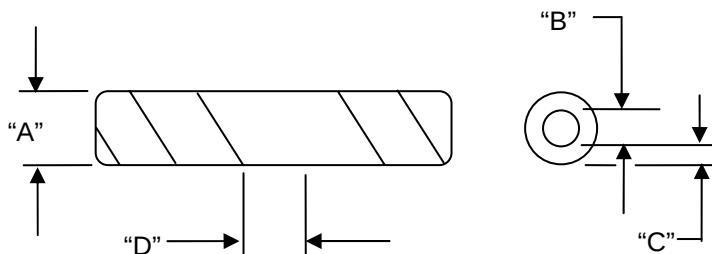


FIGURE 1

TABLE 1: DIMENSIONAL INFORMATION				
Alpha P/N	Outside Dia "A"	Nominal ID "B"	Wall Thickness "C"	Right Hand Pitch "D"
SW-20	0.125 +/-0.010	0.095	0.015 +/-0.006	0.187 +/- 1/16
SW-21	0.250 +/-0.020	0.200	0.025 +/-0.005	0.375 +/- 1/8
SW-22	0.375 +/-0.020	0.305	0.035 +/-0.007	0.438 +/- 1/8
SW-23	0.500 +/-0.030	0.430	0.035 +/-0.007	0.500 +/- 1/8
SW-24	0.750 +/-0.025	0.686	0.032 +/-0.015	0.750 +/- 1/4
SW-25	1.000 +/-0.025	0.936	0.032 +/-0.015	1.000 +/- 1/4

Alpha P/N	Standard package
SW-20	25, 100, 500 ft spools
SW-21	25, 100, 500 ft spools
SW-22	25, 100 ft spools
SW-23	25, 100 ft spools
SW-24	25, 100 ft spools
SW-25	25, 100 ft spools

Note: All sizes may contain a maximum of 3 lengths
10 ft. minimum length of an individual piece

Table 2