

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	ECO 41022	01/07/2021	JEL

Spiralene® Spiralene is a registered trademark of Silver State Wire & Cable Inc


PART NUMBER (ORDERED BY OUTSIDE DIAMETER)	INSIDE DIAMETER (AS SUPPLIED)		WALL THICKNESS (+/- 0.005")	BUNDLE DIAMETER (MAXIMUM)	PITCH OF HELICAL CUT TOLERANCE ± 0.030" (0.76 MM)
	INCHES	(MM)			
WS704 - 1/8 - X	0.063	(1.59)	0.030	0.50" (12.70 MM)	0.218" (5.54 MM)
WS704 - 3/16 - X	0.125	(3.15)	0.030	1.00" (25.40 MM)	0.312" (7.92 MM)
WS704 - 1/4 - X	0.188	(4.76)	0.030	2.00" (50.80 MM)	0.375" (9.53 MM)
WS704 - 5/16 - X	0.250	(6.35)	0.030	2.50" (63.50 MM)	0.375" (9.53 MM)
WS704 - 3/8 - X	0.312	(7.94)	0.030	3.00" (76.20 MM)	0.437" (11.11 MM)
WS704 - 1/2 - X	0.437	(11.11)	0.030	4.00" (101.60 MM)	0.562" (14.27 MM)
WS704 - 5/8 - X	0.562	(14.29)	0.030	5.00" (127.00 MM)	0.625" (15.88 MM)
WS704 - 3/4 - X	0.687	(17.46)	0.035	6.00" (152.40 MM)	0.875" (22.23 MM)
WS704 - 1 - X	0.937	(23.81)	0.040	8.00" (203.20 MM)	1.000" (25.40 MM)

CHARACTERISTICS
ETO and autoclave approved
Mechanical resistance under severe conditions
Chemical resistant – all common solvents, acids, and bases
Lowest coefficient of friction of any polymer
Ultimate in lubricity – polymer with lowest coefficient of friction
Dielectric insulation properties
Chemically inert
Unless otherwise specified in the acquisition order, the spiral wrap shall be clockwise or right-hand pitch.
Made IAW AA59602-3A (A-A-59602, Type III, Class 1) and ASTM-D3295

PERFORMANCE	
OPERATING TEMPERATURE:	-270°C TO +260°C
FLAME RESISTANT	UL 94 VO
FLAMABILITY	UL VW-1
TENSILE STRENGTH	3,000 PSI
APPLICABLE SPECIFICATIONS:	ASTM-D-3295-01, group 4 A-A-59602, Type 3, Class 1
EU Directive 2002/95/EC(RoHS):	COMPLIANT
REACH Regulation (EC 1907/2006):	COMPLIANT

COLOR CODE [Only]	
0	BLACK
C	CLEAR / NATURAL

PART NUMBER BREAK-OUT (EXAMPLE)				
PRODUCT TYPE	-	OUTER DIAMETER	-	COLOR
WS704	-	1/2	-	C

DO NOT SCALE THIS DRAWING ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCE: ANGLES ± 0.5° DEC. .XX ± 0.03 DEC. .XXX ± 0.010 THIS DRAWING IS THE PROPERTY OF SILVER STATE WIRE & CABLE AND SHALL NOT BE REPRODUCED, COPIED, OR USED AS THE BASIS FOR THE MANUFACTURE OR SELL OF THIS DESIGN WITHOUT THE WRITTEN PERMISSION OF SILVER STATE WIRE AND CABLE.	DRAWN BY D. MILLER	DATE 01/07/2021	 www.silverstatewire.com
	CHECKED BY J. LEE	DATE 01/07/2021	
	APPROVED BY J. LEE	DATE 01/07/2021	
	APPROVED BY N/A	DATE N/A	
DESCRIPTION Spiral Cut Fluoropolymer (PTFE) Tubing			SIZE A CAGE CODE 01CV1 DWG NO. WS704 REV D
SCALE NONE WT N/A			