

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	RELEASE	01/07/2021	J. LEE

DIMENSIONS ARE INCHES, UNLESS OTHERWISE SPECIFIED.  
 TOLERANCES ARE ± 0.010 (0.25 MM) FOR THREE PLACE DECIMALS AND ± 0.5 DEGREES FOR ANGLES.  
 METRIC EQUIVALENTS (MM) TO THE NEAREST 0.01 MM ARE GIVEN FOR GENERAL INFORMATION AND REFERENCE ONLY. VALUES ARE CALCULATED AND ROUNDED ON 1 INCH = 25.4 MM.

SLEEVE BODY SHALL BE A BRAIDED BLEND OF THE FOLLOWING MATERIALS:

1. POLYPHENYLENE SULFIDE (PPS) MONOFILAMENT FIBERS.
2. POLYETHERETHER-KETONE (PEEK) MONOFILAMENT FIBERS.

CONFIGURATION: SLEEVE CONSTRUCTION SHALL BE IN ACCORDANCE WITH TABLE 1.

SLEEVE COLOR SHALL BE NATURAL (TAN) OR BLACK

TABLE 1 – DIMENSIONS AND WEIGHT

SIZE	SIZE (NOMINAL) INCHES (MM)	WIRE BUNDLE DIAMETER ØD		WEIGHT MAX LBS/FT (G/M)
		MIN	MAX	
03	1/8 (3)	3/32 (2)	1/4 (6)	0.002 (2.3)
06	1/4 (6)	1/8 (3)	1/2 (13)	0.003 (4.9)
10	3/8 (10)	3/16 (5)	3/4 (19)	0.007 (10.2)
13	1/2 (13)	1/4 (6)	7/8 (22)	0.009 (13.1)
19	3/4 (19)	1/2(13)	1-3/8 (35)	0.013 (19.7)
32	1-1/4 (32)	3/4 (19)	1-3/4 (45)	0.018 (26.2)
45	1-3/4 (45)	1 (25)	2-1/4 (57)	0.020 (29.5)

PERFORMANCE REQUIREMENTS:

TEMPERATURE RATING

MAXIMUM CONTINUOUS OPERATING: -67°F (-55°C) TO +392°F (200°C)  
 MELTING POINT: +545°F (285°C)

FLUID

FIBER (STRAND) AFTER FLUID RESISTANCE TESTING:  
 POLYPHENYLENE SULFIDE FIBER SHALL RETAIN 70% OF THE AS RECEIVED AVERAGE MINIMUM TENSILE STRENGTH.  
 POLYETHERETHERKETONE FIBER SHALL RETAIN 70% OF THE AS RECEIVED AVERAGE MINIMUM TENSILE STRENGTH.

ABRASION

FIBER (STRAND) AFTER ABRASION RESISTANCE TESTING:  
 MINIMUM AVERAGE ABRASION REQUIREMENT SHALL BE 3,000 CYCLES USING 500 GRAM WEIGHT.  
 MINIMUM DYNAMIC CUT-THROUGH FORCE OF 6.7 POUND-FORCE (30 NEWTONS).

FLAME / SMOKE

FLAMMABILITY RATING: UL 94 VO  
 OUTGASSING: LOW  
 SMOKE D-MAX (PER ASTM E-662): 2.3  
 OXYGEN INDEX (PER ASTM D-2863): 37  
 HALOGEN FREE: YES

REGULATORY

ROHS COMPLIANT: YES  
 REACH COMPLIANT: YES  
 COUNTRY OF ORIGIN: UNITED STATES

PRODUCT IDENTIFIER

WX374 - 13 - B

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	DATE	 www.silverstatewire.com		
	D. MILLER	01/07/2021			
	CHECKED BY	DATE			
	J. LEE	01/07/2021			
APPROVED BY	DATE	DESCRIPTION EXPANDABLE SLEEVE, CHAFE-PROTECTION, ABRASION RESISTANT (-55° TO +200°C)			
J. LEE	01/07/2021				
APPROVED BY	DATE	SIZE	CAGE CODE	DWG NO.	REV
N/A	N/A	A	01CV1	WX374	A
		SCALE	NONE	WT	SHEET 1 OF 1