	REVISIONS			
	REV	DESCRIPTION	DATE	APPROVED
	Α	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 EQUIVILENTS (MM) TO THE NEAREST 0.01 MM ARE GIVEN FOR GENERAL INFORMATION AND REFERENCE				

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

ONLY, VALUES ARE CALCULATED AND ROUNDED ON 1 INCH = 25.4 MM.

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)	WIRE BUNDLE	WEIGHT MAX	
	INCHES (MM)	MIN	MAX	LBS/FT (G/M)
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).

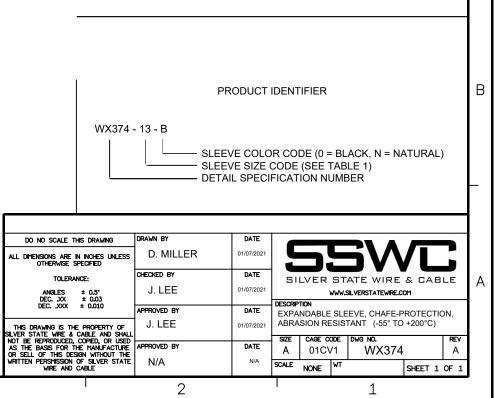
## FLAME / SMOKE

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

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