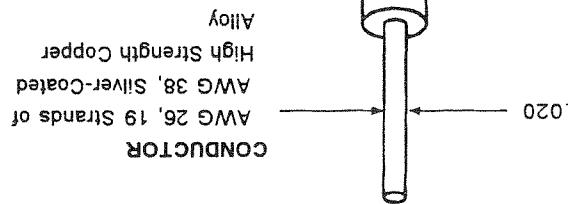


THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

**CONSTRUCTION DETAILS**

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED



Outer jacket color will be black (designated by a "-0" appended to the part number, e.g. 7526D5314-0) unless otherwise specified.  
Designate outer jacket color with a dash number in accordance with MIL-STD-681.

**ELECTRICAL CHARACTERISTICS**

CHARACTERISTIC IMPEDANCE	75 ± 3 ohms, Method B
CAPACITANCE	17.1 pF/ft. (nominal) at 1 kHz
VELOCITY OF PROPAGATION	79% (nominal)

**ADDITIONAL REQUIREMENTS**

CONDUCTOR RESISTANCE	42.0 ohms/1000 ft. (nominal)
INSULATION RESISTANCE	10,000 megohms (minimum) for 1000 ft.
JACKET FLAWS	1.0 kV (rms), 60 Hz
SPARK TEST	6.0 kV (peak)
IMPULSE TEST	1000 volts (rms) (minimum)
VOLTAGE WITHSTAND (DIELECTRIC)	500 volts (rms) (minimum)
CONDUCTOR TO SHIELD	135°C/-55/4.50 inch mandrel
FLAMMABILITY	Method C
HEAT SHOCK	225°C
LOW TEMPERATURE-	-55°C/4.50 inch mandrel
COLD BEND	1000 volts (rms), 1 minute
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	

**ENVIRONMENTAL**

AGING STABILITY	135°C/-55/4.50 inch mandrel
FLAMMABILITY	Method C
HEAT SHOCK	225°C
LOW TEMPERATURE-	-55°C/4.50 inch mandrel
COLD BEND	1000 volts (rms), 1 minute
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	

**PHYSICAL**

INSULATION (DIELECTRIC)	50% (minimum)
TENSILE STRENGTH	800 lbf/in <sup>2</sup> (minimum)
JACKET (EACH)	250% (minimum)
ELONGATION	2000 lbf/in <sup>2</sup> (minimum)
TENSILE STRENGTH	.010 inch (nominal)
JACKET THICKNESS (EACH)	90% (minimum)
SHIELD COVERAGE (EACH)	

**WEIGHT**

19.3 lbs/1000 ft. (nominal)

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