



PRODUCT SPECIFICATIONS

Non-Insulated Instrument Tubing Bundles

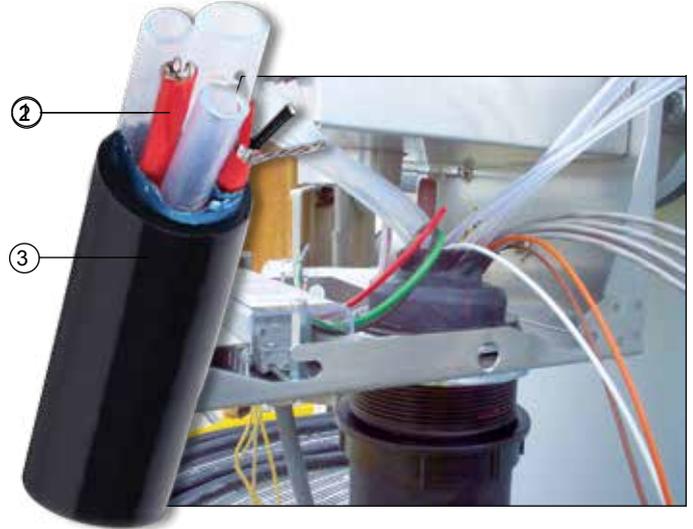
Type NI: Non-Insulated and Non-Heated Tubing

APPLICATION

Type NI non-insulated instrument tubing is designed for instrument air, the transmission of hydraulic or pneumatic signals, or process and analytical instrumentation. NI bundles are convenient and economical for protecting tubing from the environment and reduce installed costs of uninsulated instrument tubing. Communication or power supply wires may be included to allow electrical connection of equipment.

RATINGS

Range of Available Tube Sizes (User specified wall thickness)	1/8" through 3/4"
Standard Jacket Material	ATP ³
Minimum Installation Temperature	-40°C
Maximum Jacket Exposure Temperature	105°C



CONSTRUCTION

- 1 Tube(s)
- 2 Power and/or instrument wires per customer specifications
- 3 Polymer outer jacket

HOW TO SPECIFY

NI-4B435-ATP-3/22

<p>Bundle Type</p> <p>NI = Non-insulated</p>	<p>Tube O.D.</p> <p>1 = 1/8"</p> <p>2 = 1/4"</p> <p>3 = 3/8"</p> <p>4 = 1/2"</p> <p>5 = 5/8"</p> <p>6 = 3/4"</p>	<p>Tube(s) Material</p> <p>A = 316 SS Welded</p> <p>B = #122 Copper</p> <p>C = PFA Teflon¹</p> <p>D = Monel²</p> <p>E = Titanium</p> <p>F = 316 SS Seamless</p> <p>G = 304 SS Welded</p> <p>H = 304 SS Seamless</p> <p>J = Alloy C276</p> <p>K = Alloy 825</p> <p>L = Alloy 20</p> <p>M = FEP Teflon</p> <p>N = Nylon</p> <p>P = Polyethylene</p> <p>X = Special</p>	<p>Number of Tube(s)</p> <p>1-20</p>	<p>Tube Wall Thickness</p> <p>28 = .028 (SS Only)</p> <p>30 = .030</p> <p>32 = .032 (Copper Only)</p> <p>35 = .035</p> <p>40 = .040 (Plastic Only)</p> <p>47 = .047 (Plastic Only)</p> <p>49 = .049</p> <p>62 = .062 (Plastic Only)</p> <p>65 = .065</p> <p>83 = .083 (SS Only)</p>	<p>Jacket Option Type</p> <p>ATP³</p> <p>TPU</p>	<p>Number of Wires</p> <p>1-20</p>	<p>Wire Size⁴</p> <p>22 = 22 AWG</p> <p>18 = 18 AWG</p> <p>16 = 16 AWG</p> <p>14 = 14 AWG</p> <p>12 = 12 AWG</p> <p>10 = 10 AWG</p>
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1. Teflon is a trademark of E. I. duPont de Nemours Co., Inc.
2. Monel is a trademark of Inco Alloys International, Inc.
3. Black ATP is standard. Other jacket materials are available.
4. Other wire sizes and types available, contact factory.

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