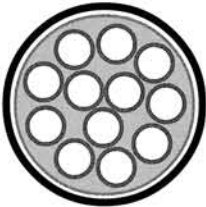






## Plastics Sheathed Instrument Lines

<b>Plastics Sheathed Tubes and Flat Multichannel Lines</b>	  <i>Tube bundle</i>		
Type	Applications	Advantages	Technical Data
<p>Type 7010 LDPE tubing</p> <p>Type 7020 HDPE tubing</p> <p>Type 7030 PA 11/12 w tubing</p> <p>Type 7040 Teflon (PTFE) tubing</p> <p>Type 7060 Tubing of Stainless steel No. 1.4571/316 Ti</p> <p>Type 7070 Tubing of Stainless steel No. 1.4301/304</p> <p>Type 7080 Copper-Nickel Tubing (CuNi 90/10)</p> <p>Type 7090 Flame-restardant and Self-extinguishing LDPE tubing</p>	<p>Hydraulic, pneumatic instrumentation, metering and control in</p> <ul style="list-style-type: none"> <li>- shipbuilding</li> <li>- offshore structures</li> <li>- chemical, petrochemical and other industries</li> </ul> <p>Transportation of liquid and gaseous fluids</p>	<p>Sheathing protects The tubes against corrosion and mechanical damage</p> <p>Available in long continuous lengths</p> <p>No splices and joints</p>	<p>Tube sizes: 4, 6, 8, 10, 12, 15, 18, 22 mm and 1/4", 3/8", 1/2", 5/8", O.D.</p> <p>Extruded seamless plastic tubes</p> <p>Drawn seamless copper and copper-nickel tubes, annealed</p> <p>Welded and calibrated or redrawn, or seamless stainless steel tubes</p> <p>Plastic tubing supplied in 250 m coils; metal tubing supplied in up to 300 m coils</p> <p>Greater lengths on wooden reels</p> <p>Outer sheath of PVC,LDPE,HDPE, Hytrel, TPU</p>
<p>Type 7211 LDPE multichannel Lines</p> <p>Type 7291 Same as Type 7211, But flame-retardant Self-extinguishing</p> <p>Type 7311 LDPE special Multichannel lines</p> <p>Type 7391 Same as Type 7311, But flame-retardant Self-extinguishing</p>	<p>Low pressure metering and control systems</p> <p>Air conditioning systems in buildings and industrial facilities</p>	<p>Ease of concealed installation</p> <p>Sheathing protects the tubes against mechanical damage</p> <p>Available in "handy" coils</p> <p>Easy to separate by stripping the outer sheath</p>	<p>Tube sizes: 4, 6, 8, 10, 12 mm and 1/4", 3/8", 1/2" O.D.</p> <p>Extruded seamless tubes</p> <p>Supplied in coil lengths up to 500 m</p> <p>Outer sheath of PVC,LDPE,HDPE, Hytrel, TPU</p>

Bundles with Constant power Electrical Tracing			
Type	Applications	Advantages	Technical Data
Type 5721: 1 fluid tube/1 heater  Type 5722: 2 fluid tubes/1 heater  Type 5723: 3 fluid tubes/1 heater  Type 5724: 4 fluid tubes/1 heater	Sampling lines Analyzer lines Process lines	Traced packages complete with factory-applied thermal insulation  Possibility to control fluid temperature in the tubes to the desired level  PTB approval for use in hazardous areas  Suitable for maintaining fluid temperatures up to 200 °C  Maintenance-free	Tubes of stainless steel, copper, teflon (PTFE), Monel 400, Incoloy 825. Teflon with lead sheath.  Tube sizes: 6, 8, 10, 12 mm and 1/4", 3/8", 1/2" O.D.  All tubes seamless; stainless steel tubes also longitudinally welded  Outer jacket made of PVC or LDPE (standard; flame-retardant and self-extinguishing; or flame-retardant, self-extinguishing and halogen-free)  Lengths up to 200 m supplied on wooden reels Heater output: 10, 20, 30, 40, 60, Watt/m Standard heater supply voltages: 230V and 120V

Bundles with Mineral Insulated Heating Cables		  <p style="text-align: center;"><i>Insulated tube bundle with electric tracer</i></p>	
Type	Applications	Advantages	Technical Data
Type 5822: 2 fluid tubes/2 heaters  Type 5833: 3 fluid tubes/3 heaters	Sampling lines Analyzer lines Process lines	Heat traced handling of flue gases as well as SO <sub>2</sub> and NO <sub>x</sub> etc.  Possibility to control fluid temperature to the desired level  No risk of fluid polymerisation PTB, BASEEFA etc. approved for use in hazardous areas  Suitable for maintaining fluid temperatures of up to 300 °C	Tubes of stainless steel, copper, teflon (PTFE), Monel 400, Incoloy 825. Teflon with lead sheath.  Tube sizes: 6, 8, 10, 12 mm and 1/4", 3/8", 1/2" O.D.  All tubes seamless; stainless steel tubes also longitudinally welded  Outer jacket made of PVC or LDPE (standard; flame-retardant and self-extinguishing; or flame-retardant, self-extinguishing and halogen-free)  Supplied in lengths up to 200 m supplied on wooden reels Heating cable with stainless steel sheath (R=6.3-0.16 ohm/m) Heating cable supply voltages: 230 V or 400 V