LEGRIS PU TUBING



Recognized for its flexibility, Legris PU tubing provides up to a 50% space saving compared with PA tubing. This is the ideal tubing choice for pneumatic applications in standard environments.

Technical specifications

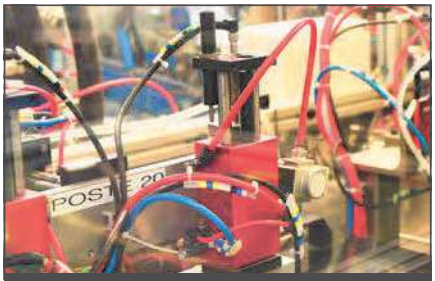
Material:	**Polyurethane ester**
Fluids:	Compressed air
Working pressure:	10^{-2} millibar to 12 bar
Working temperature:	-20°C to +70°C
Diameter:	3 to 16 mm
Regulations:	RoHS, REACH, PED

Performance depends on the fluids, materials and connection used.

Benefits

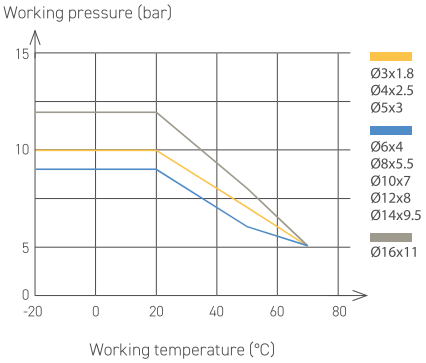
- **Small bending radius to fit into confined spaces in standard environments.**
- **Available in a twin-tubing version to simplify installation and further reduce the overall dimensions.**
- **Available in packaged form for applications requiring ISO 15001 cleanliness class.**

Recommended applications



Pneumatic assembly in a confined industrial environment

Tubing performance



Tube O.D	O.D Tolerance
3 to 8 mm	+0.10/-0.10
10 to 16 mm	+0.15/-0.15

PU ESTER VERSION

Technical specifications

Material:	PU Ester	PU crystal Ester	PU Ester medical
Fluids:	Industrial water (without glycol)	Compressed air and industrial water	Medical gases
Working pressure:	10^{-2} millibar to 12 bar	10^{-2} millibar to 12 bar	10^{-2} millibar to 10 bar
Working temperature:	-20°C to +40°C	-20°C to +40°C	-20°C to +90°C
Diameter:	4 to 16 mm	4 to 16 mm	4 to 12 mm
Regulations:	RoHS, REACH, PED	RoHS, REACH, PED, FDA, EC N° 1935/2004	RoHS, REACH, PED

Performance depends on the fluids, materials and connection used.

Benefits

- **PU Ester:** a material that is more chemically resistant than standard PU (ester),
  it is compatible with industrial water (without glycol up to 40°C).
- **PU crystal Ester:** certified by the Food and Drug Administration (FDA) to meet the requirements of the food industry.
- **Medical-grade PU Ester:** meets ISO 15001 cleanliness requirements, oxygen-compatible, ideal for medical equipment.