



“ Ultimate Tubing Solutions for
Durable, Flexible and Reliable

”

EXTRUSION TUBES

Janatics Polymers offers high-quality polyurethane (PU) tubings known for their flexibility, durability, and abrasion resistance. Ideal for pneumatic systems and fluid transfer, these tubings perform well in extreme temperatures, ensuring reliability and efficiency. Janatics Polymers delivers precision-engineered solutions that meet stringent industrial standards, enhancing operational efficiency and longevity.

Polyurethane (PU) tube

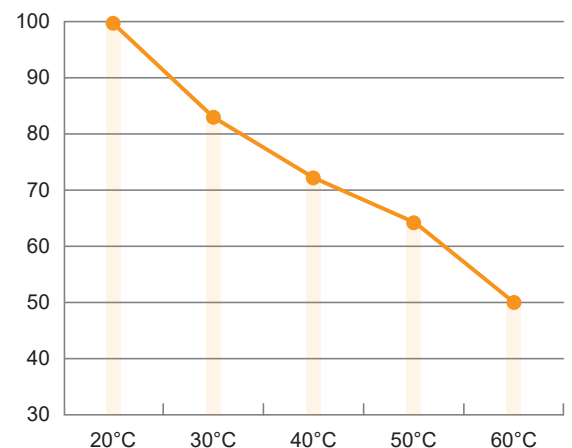
There are several types of Thermoplastic Polyurethane (TPU) based on customer specific applications. Janatics PU available in the market are:

- PU tubes Regular series
- PU tubes S-series
- Coiled PU tubes

PU tubes Regular series

Polyurethane regular series tubes are abrasion resistant and stronger with higher tensile strength.

Regular series is shock resistant and user safe, easily adapting to any types of Pneumatic machinery. It is also resistant to coolant oil, grease, chemicals and ozone.



Pressure values expressed as a % in relation to temperature

Specifications

Tube size		Tube Colour & Ordering No					
Tube OD	Tube ID	Blue (Standard)	Black	Red	Yellow	Silver	Transparent
4	2	WH00B04	WH00K04	WH00R04	WH00Y04	WH00S04	WH00T04
6	4	WH00B06	WH00K06	WH00R06	WH00Y06	WH00S06	WH00T06
8	5	WH00B08	WH00K08	WH00R08	WH00Y08	WH00S08	WH00T08
10	7	WH00B10	WH00K10	WH00R10	WH00Y10	WH00S10	WH00T10
12	8	WH00B12	WH00K12	WH00R12	WH00Y12	WH00S12	WH00T12
14	10	WH00B14	-	-	-	-	-
16	11	WH00B16	-	-	-	-	-

PU tubes S-series

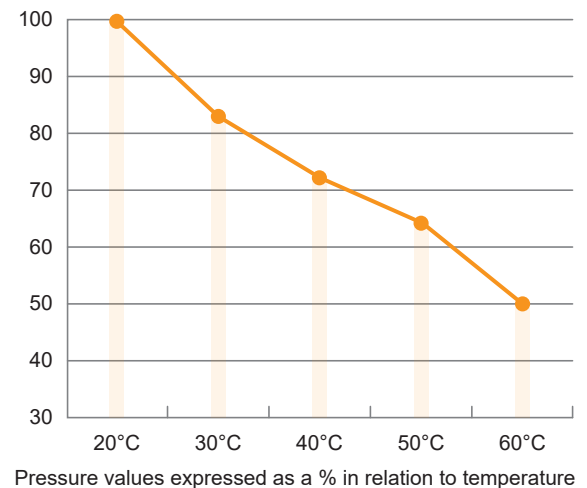


Polyurethane S-series tubes are hydrolysis resistant, more flexible and have lower mechanical properties than regular series.

S-series have better suitability towards food contact related applications meets FDA, EU regulated markets for all food applications (please see food contact information).

Specifications

Tube size		Tube Colour & Ordering No.
Tube OD	Tube ID	Trans Blue
4	2	WH08A04
6	4	WH08A06
8	5	WH08A08
10	7	WH08A10
12	8	WH08A12
14	10	WH08A14
16	11	WH08A16



Polyamide (PA12) tube



PA12 tubes are primarily a nylon material highly suitable for Vehicle fuel transportation and Air brake systems. Our PA12 tubes meet DIN 73378 and DIN 74324 standards.

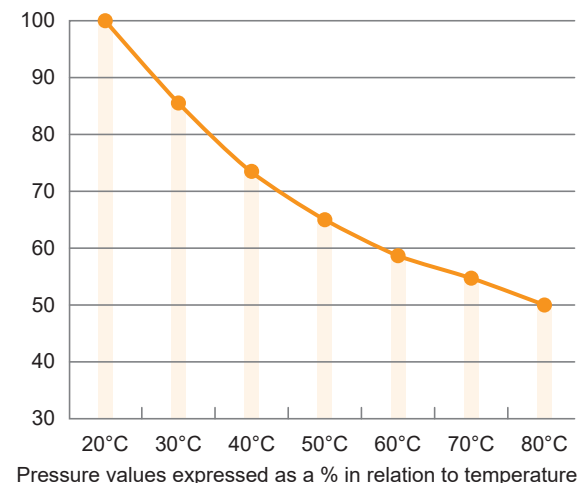
Our PA12 tubes have very high mechanical properties (high working pressure and temperature) which are replaceable with regular rubber and metal hose which are used in fuel, lubricant, air and transportation. Also, it has good performance for pneumatic applications and hydraulic systems.

DIN 73378 standards consider general operating conditions pertaining to motor vehicles for the transport of fuel in motor vehicles.

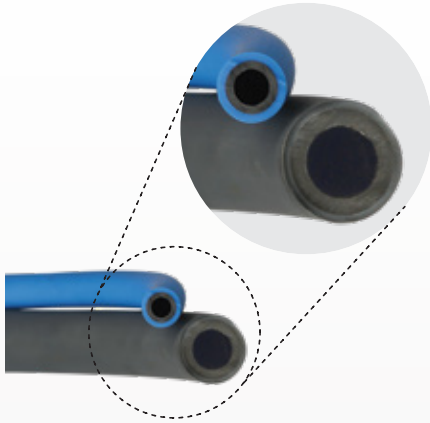
DIN 74324 standards consider special requirements and methods for use in the air brake system of road vehicles.

Specifications

Tube size		Tube Colour & Ordering No			
Tube OD	Tube ID	Black (Standard)	Blue	Yellow	Transparent
4	2	WH06K04	WH06B04	WH06Y04	WH06T04
6	4	WH06K06	WH06B06	WH06Y06	WH06T06
8	6	WH06K08	WH06B08	WH06Y08	WH06T08
10	8	WH06K10	WH06B10	WH06Y10	WH06T10



Spark resistant tubes



Features

- Specially formulated external layer confirms to UL94 VO standards, protects the internal tubing from incidental contact with welding spatter
- Highly abrasion-resistant
- Good flexibility over a wide temperature range
- Good fitting retention at elevated temperatures
- Lighter than rubber hoses and easy to substitute
- Silicon free

Applications

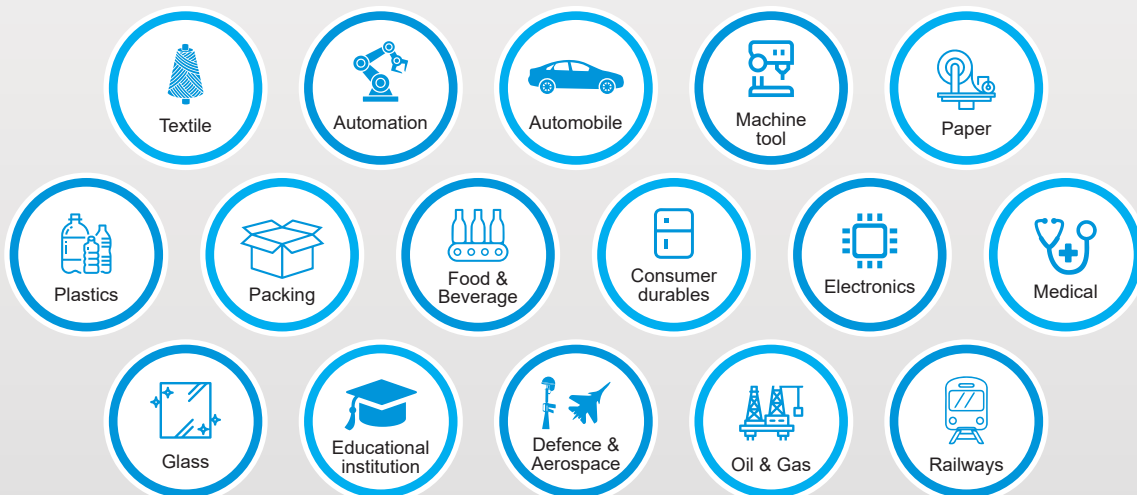
Widely used in Robotic / Automotive manufacturing line for welding application.

Specifications

Inner Tube OD size (ØD1) ±0.1	Inner Tube ID size (ØD2) ±0.1	Outer Tube OD size (ØD3) ±0.1	Outer Tube thickness	Bending Radius	Tube Colour & Ordering No			
					Blue	Green	Black	Red
6	4	8	1 mm	15	WHF03BK06	WHF03GK06	WHF03KK06	WHF03RK06
8	5	10		20	WHF03BK08	WHF03GK08	WHF03KK08	WHF03RK08
10	6.5	12		27	WHF03BK10	WHF03GK10	WHF03KK10	WHF03RK10
12	8	14		35	WHF03BK12	WHF03GK12	WHF03KK12	WHF03RK12

* Subject to change

Industrial Segments



Marketed by:

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