



Meets the
requirements
KTW
DVGW - W270



Proven quality for a variety of applications over many years

John Guest® PE Drinking Water Tubing are characterized by extremely low water absorption, low specific weight, high impact strength, flexibility, good wear resistance and good general durability as well as a very good price-performance ratio. They are excellent for use with quick connect fittings.

All important approvals for drinking water systems

The following approvals are available:

- KTW and DVGW - W270 (D / Germany)
- WRAS (GB / Great Britain)
- NSF 51 & 61 and FDA conform (USA)
- ITC (CZ / Czech Republic)
- ACS (F / France)
- GOST (RU / Romania)

John Guest® PE Drinking Water Tubing therefore comply with the specifications of DIN 2001.

For further details please contact us.

Different colors for easy installation

The following standard colors are available for color coding:
blue, red, natural, black

Ask about suitable connections and couplings

We also supply the well-known John Guest® Push-Fit connectors and valves to suit all sizes.



Features and Benefits

- tasteless and odorless
- low water absorption
- flexible
- good general consistency
- suitable for quick connectors
- approvals for drinking water
- imperial and metric standard dimensions

Typical Applications

- food and beverage industry
- drinking water systems
- dispensing / beer systems
- water filter
- refrigerators
- reverse osmosis system

John Guest® PE Drinking Water Tubing Standard Sizes

Part Number	color	ID	OD	Wall	Min. Bend Radius	Max. Working Pressure* 20°C (68°F)	Max. Working Pressure* 65°C (149°F)
PE2,5NA4,0JG	natural	2,5 mm	4,0 mm	0,75 mm	25 mm	16 bar	10 bar
PE2,5BL4,0JG	blue	2,5 mm	4,0 mm	0,75 mm	25 mm	16 bar	10 bar
PE2,5SW4,0JG	black	2,5 mm	4,0 mm	0,75 mm	25 mm	16 bar	10 bar
PE4,0NA6,0JG	natural	4,0 mm	6,0 mm	1,0 mm	25 mm	16 bar	10 bar
PE4,0BL6,0JG	blue	4,0 mm	6,0 mm	1,0 mm	25 mm	16 bar	10 bar
PE4,0SW6,0JG	black	4,0 mm	6,0 mm	1,0 mm	25 mm	16 bar	10 bar
PE4,3NA6,35JG	natural	4,3 mm	6,35 mm (1/4")	1,03 mm	25 mm	15 bar	8 bar
PE4,3BL6,35JG	blue	4,3 mm	6,35 mm (1/4")	1,03 mm	25 mm	15 bar	8 bar
PE4,3SW6,35JG	black	4,3 mm	6,35 mm (1/4")	1,03 mm	25 mm	15 bar	8 bar
PE5,0NA7,94JG	natural	5,0 mm	7,94 mm (5/16")	1,47 mm	29 mm	15 bar	8 bar
PE5,0BL7,94JG	blue	5,0 mm	7,94 mm (5/16")	1,47 mm	29 mm	15 bar	8 bar
PE5,0SW7,94JG	black	5,0 mm	7,94 mm (5/16")	1,47 mm	29 mm	15 bar	8 bar
PE6,0NA8,0JG	natural	6,0 mm	8,0 mm	1,0 mm	30 mm	10 bar	6 bar
PE6,0BL8,0JG	blue	6,0 mm	8,0 mm	1,0 mm	30 mm	10 bar	6 bar
PE6,0SW8,0JG	black	6,0 mm	8,0 mm	1,0 mm	30 mm	10 bar	6 bar
PE6,35NA9,53JG	natural	6,35 mm (1/4")	9,53 mm (3/8")	1,59 mm (1/16")	32 mm	15 bar	8 bar
PE6,35BL9,53JG	blue	6,35 mm (1/4")	9,53 mm (3/8")	1,59 mm (1/16")	32 mm	15 bar	8 bar
PE6,35SW9,53JG	black	6,35 mm (1/4")	9,53 mm (3/8")	1,59 mm (1/16")	32 mm	15 bar	8 bar
PE7,0NA10,0JG	natural	7,0 mm	10,0 mm	1,5 mm	32 mm	10 bar	6 bar
PE7,0BL10,0JG	blue	7,0 mm	10,0 mm	1,5 mm	32 mm	10 bar	6 bar
PE7,0SW10,0JG	black	7,0 mm	10,0 mm	1,5 mm	32 mm	10 bar	6 bar
PE9,53NA12,7JG	natural	9,53 mm (3/8")	12,7 mm (1/2")	1,59 mm (1/16")	63 mm	10 bar	6 bar
PE9,53BL12,7JG	blue	9,53 mm (3/8")	12,7 mm (1/2")	1,59 mm (1/16")	63 mm	10 bar	6 bar
PE9,53SW12,7JG	black	9,53 mm (3/8")	12,7 mm (1/2")	1,59 mm (1/16")	63 mm	10 bar	6 bar
PE9,0NA12,0JG	natural	9,0 mm	12,0 mm	1,5 mm	63 mm	10 bar	6 bar
PE9,0BL12,0JG	blue	9,0 mm	12,0 mm	1,5 mm	63 mm	10 bar	6 bar
PE9,0SW12,0JG	black	9,0 mm	12,0 mm	1,5 mm	63 mm	10 bar	6 bar
PE11,5BL15,0JG	blue	11,5 mm	15,0 mm	1,75 mm	85 mm	10 bar	6 bar

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Typical Physical Properties of John Guest® PE Drinking Water Tubing

Property	Method	Value
Density	ISO 1183	0,928 g/cm ³
Tensile Modulus	ISO 527-3	290 MPa
Tensile Stress (at Yield Point)	ISO 527	14 MPa
Yield Strength	-	8
Max. Elongation	ISO 1184	750,00%
Operating Temperature	-	-40°C bis +80°C
Water Absorption	-	< 0,015%