

PWT SERIES- PREMIUM CLEAR PVC POTABLE WATER TUBING

APPLICATIONS:

- Typical applications include; potable water, food & beverage, sight gauges, light vacuum lines, drain lines, wire conduit, laboratory use, and transfer of PVC compatible chemicals.

FEATURES:

- FDA grade, non-phthalate extrusion compound.
- Self-extinguishing and silicone free.
- Smooth, clear appearance.

SPECIFICATIONS:

- All components of compound are explicitly listed in FDA regulation found in 21CFR sections 172 to 199 for direct and indirect food contact, or are designated as generally recognized as safe (GRAS) by FDA.
- This compound is RoHS-3 compliant and does not contain any components listed on the European Chemical Agency SVHC list at a concentration higher than 0.1 weight percent of the composition.
- USP Class VI.
- PROP 65, RoHS & Reach, 3A, PFAS Compliant.
- Bend radius is equal to 10 times the ID (inner diameter) of the tube.



CERTIFICATIONS:

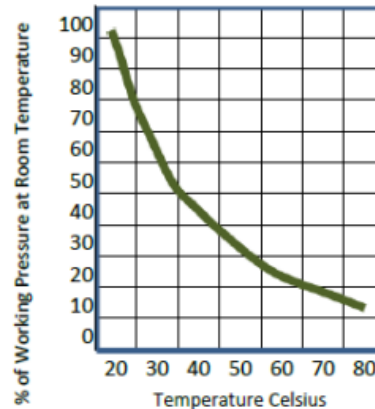
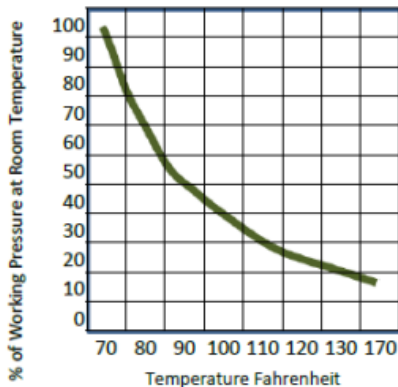
- NSF®/ANSI Standard 51 Certified (Food Equipment Materials)
- NSF®/ANSI/CAN Standard 61 Certified (Drinking Water System Components - Health Effects)
- NSF®/ANSI Standard 372 Certified (Drinking Water System Components - Lead Content)

RATINGS:

- Max Operating Temperature: 25°F to 150°F (-5°C to +65°C)
- Pressure Ratings: See table on page 2.

MATERIAL TECHNICAL PROPERTIES		
PROPERTIES	VALUES	TEST METHOD
Shore A Hardness	75	ASTM D-2240
Specific Gravity	1.210	ASTM D-792
Tensile Strength, PSI (60 mil)	2.900	ASTM D-638
100% Modulus, PSI (60 mil)	1,200	ASTM D-638
Elongation % (60 mil)	380	ASTM D-638
Brittleness Temp, (°C)	-35	ASTM D-746

% of Working Temperature at Room Temperature - 68°F (20°C)



25 Whaley Avenue, PO Box 310, Milverton, ON CANADA N0K 1M0
Tel: 800-561-3164

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PRINT LINE:

* XX, YY, ZZ Designation Dependent on Product Sizing - See Product Series Chart

* Black ink, Repeated every four feet.

ONYX HOSE & TUBE INC. SERIES 1160 PVC CERTIFIED TO NSF®-51 & NSF®/CAN-61/372 - PROP-65 COMPLIANT XX" ID x YY" OD ZZ PSI WP @ 68°F (20°C) LOT##### MADE IN CANADA

Tube Rolls are packaged as a shrink-wrapped coil.

PRODUCT SERIES CHART									
Part Number	Nominal Dimensions (ID x OD) x (length)			Wall Thickness			Working Pressure @ 68°F (20°C) (PSI)	Average Weight per Foot	
	ID x OD (in)		ft	in		mm		lb	kg
PWT-C0204-100	1/8" x 1/4"	.125" x .250"	100	1/16	0.063	1.600	65	.0205	.0093
PWT-C0305-100	3/16" x 5/16"	.188" x .313"	100	1/16	0.063	1.600	55	.0254	.0115
PWT-C0406-100	1/4" x 3/8"	.250" x .375"	100	1/16	0.063	1.600	55	.0340	.0154
PWT-C0408-100	1/4" x 1/2"	.250" x .500"	100	1/8	0.125	3.175	60	.0787	.0357
PWT-C0507-100	5/16" x 7/16"	.313" x .438"	100	1/16	0.063	1.600	50	.0373	.0169
PWT-C0608-100	3/8" x 1/2"	.375" x .500"	100	1/16	0.063	1.600	45	.0439	.0199
PWT-C0610-100	3/8" x 5/8"	.375" x .625"	100	1/8	0.125	3.175	55	.1049	.0476
PWT-C0810-100	1/2" x 5/8"	.500" x .625"	100	1/16	0.063	1.600	30	.0567	.0257
PWT-C0812-100	1/2" x 3/4"	.500" x .750"	100	1/8	0.125	3.175	45	.1279	.0580
PWT-C1014-100	5/8" x 7/8"	.625" x .875"	100	1/8	0.125	3.175	45	.1572	.0713
PWT-C1216-100	3/4" x 1"	.750" x 1"	100	1/8	0.125	3.175	35	.1760	.0798
PWT-C1418-100	7/8" x 1-1/8"	.875" x 1.125"	100	1/8	0.125	3.175	30	.2072	.0940
PWT-C1620-100	1" x 1-1/4"	1" x 1.250"	100	1/8	0.125	3.175	25	.2260	.1025
PWT-C2024-100	1-1/4" x 1-1/2"	1.250" x 1.500"	100	1/8	0.125	3.175	20	.2762	.1253
PWT-C2430-100	1-1/2" x 1-7/8"	1.500" x 1.875"	100	3/16	0.188	4.775	30	.5234	.2374

All tubing is designed with a 3:1 safety factor for working pressure @ 68°F (20°C).

NOTE: Working pressure decreases as temperatures increase. Pressure ratings are dependent on proper coupling procedures. See Page 1 for temperature de-rating chart.

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