

PWH SERIES - PREMIUM CLEAR PVC BRAIDED REINFORCED POTABLE WATER HOSE

APPLICATIONS:

- Typical applications include; potable water lines, deionized water systems, pneumatic/air, vacuum and lubrication lines, packaging machine glue lines, wire conduit.

FEATURES:

- FDA grade, non-phthalate extrusion compound.
- Nonconductive, fire resistant, self-extinguishing.
- Silicone Free.
- High tensile strength reinforcement.

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 hose.

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)

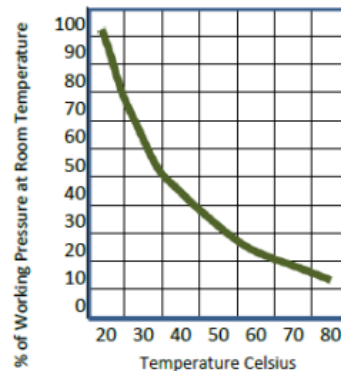
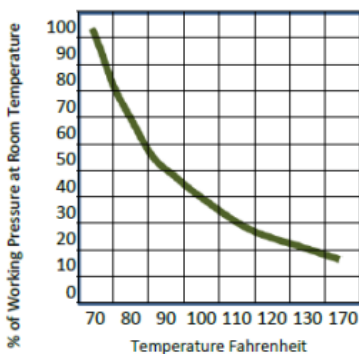
RATINGS:

- 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)



BOSHART
INDUSTRIES

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For more information on installation, adjustment, repair & operation, visit Boshart Knowledge Base at SUPPORT.BOSHART.COM



PRINT LINE:

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

* Black ink, Repeated every four feet

ONYX HOSE & TUBE INC. SERIES 1660 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

Hose 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
PWH-CB03-100	3/16 x 3/8	.188 x .375	100	0.094	2.388	250	.0454	.0206
PWH-CB04-100	1/4 x 7/16	.250 x .440	100	0.094	2.388	250	.0575	.0261
PWH-CB05-100	5/16 x 1/2	.313 x .520	100	0.104	2.642	250	.0732	.0332
PWH-CB06-100	3/8 x .595	.375 x .595	100	0.110	2.794	225	.0906	.0411
PWH-CB08-100	1/2 x 3/4	.500 x .750	100	1/8	0.125	3.175	.1334	.0605
PWH-CB08-300	1/2 x 3/4	.500"x .750	300	1/8	0.125	3.175	.1334	.0605
PWH-CB10-100	5/8 x 7/8	.625 x .885	100	1/8	0.130	3.302	.1662	.0754
PWH-CB12-100	3/4 x 1.030	.750 x 1.030	100	0.140	3.556	200	.2050	.0930
PWH-CB12-300	3/4 x 1.030	.750 x 1.030	300	0.140	3.556	200	.2050	.0930
PWH-CB16-100	1 x 1.300	1 x 1.300	100	0.150	3.810	125	.2740	.1243
PWH-CB16-200	1 x 1.300	1 x 1.300	200	0.150	3.810	125	.2740	.1243
PWH-CB20-050	1-1/4 x 1-5/8	1.250 x 1.625	50	3/16	0.188	4.775	.4541	.2060
PWH-CB20-100	1-1/4 x 1-5/8	1.250 x 1.625	100	3/16	0.188	4.775	.4541	.2060
PWH-CB24-050	1-1/2 x 1-15/16	1.500 x 1.937	50	0.219	5.563	100	.6085	.2760
PWH-CB24-100	1-1/2 x 1-15/16	1.500 x 1.937	100	0.219	5.563	100	.6085	.2760
PWH-CB32-050	2 x 2-1/2	2 x 2.490	50	1/4	0.245	6.223	.9273	.4206
PWH-CB32-100	2 x 2-1/2	2 x 2.490	100	1/4	0.245	6.223	.9273	.4206

All Hose is designed with a 4:1 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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