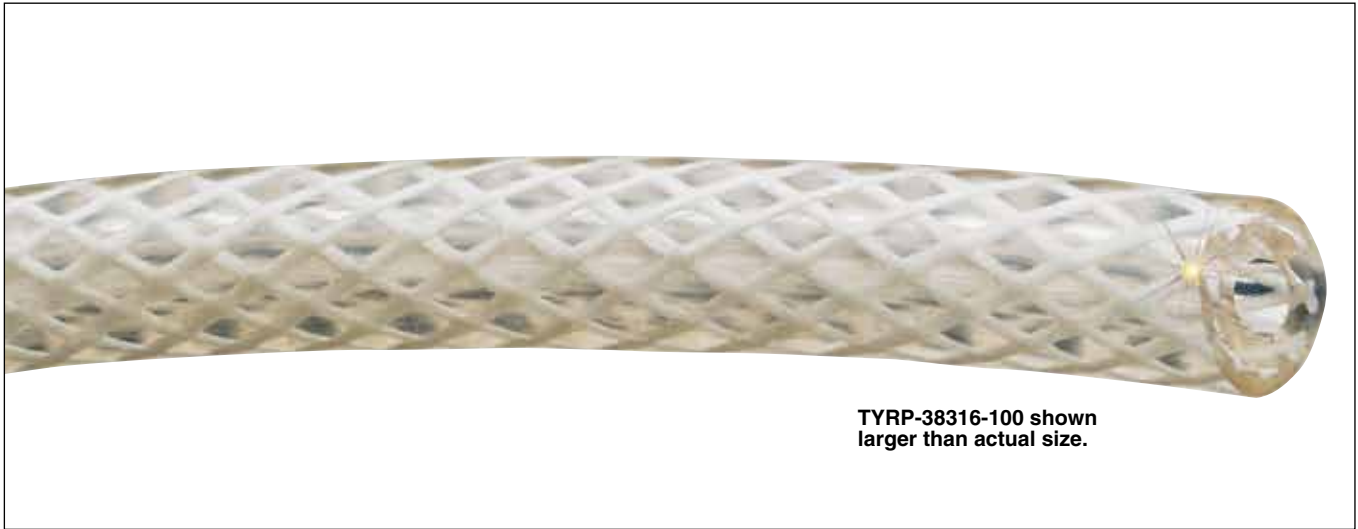


# **BRAID REINFORCED FLEXIBLE PVC TUBING**



**TYRP-38316-100 shown larger than actual size.**

## **TYRP Series**

OMEGA's TYRP braid reinforced PVC tubing is designed for significantly higher working pressures than standard vinyl or polyurethane tubing. With a durometer of 65, TYRP reinforced tubing is substantially more flexible than other reinforced tubing. This extra flexibility makes it easier to bend the tube and allows tighter compression of crimp fittings for secure, leakproof connections.

Note: TYRP tubing is not recommended for vacuum applications, nor with compression fittings. TYRP is compatible with barbed and clamp-type couplings.

### **SPECIFICATIONS\***

**Hardness, Shore A:** 65

**Tensile Strength, psi:** 2000

**Elongation at Break, %:** 350

**Operating Temperature Range:**

-21 to 82°C (-5 to 180°F)

**Minimum Bend Radius:**

Six times the tube OD

<b>To Order</b>					
<b>Model No.</b>	<b>Length (ft)</b>	<b>OD (inch)</b>	<b>ID (inch)</b>	<b>psi @73°F</b>	<b>Lbs/100 ft</b>
<b>TYRP-38316-100</b>	100	3/8	3/16	275	5
<b>TYRP-71614-100</b>	100	7/16	1/4	275	6
<b>TYRP-12516-100</b>	100	1/2	5/16	275	7
<b>TYRP-91638-100</b>	100	9/16	3/8	250	8
<b>TYRP-3412-100</b>	100	3/4	1/2	230	14
<b>TYRP-7858-100</b>	100	7/8	5/8	230	17
<b>TYRP-134-50</b>	50	1	3/4	175	20
<b>TYRP-15161-50</b>	50	1 5/16	1	140	33
<b>TYRP-158114-50</b>	50	1 5/8	1 1/4	100	47
<b>TYRP-178112-50</b>	50	1 7/8	1 1/2	80	55
<b>TYRP-2122-50</b>	50	2 1/2	2	70	98

\* Specifications listed are typical and are meant only as a guide. Each user must test the tubing under their operating conditions to determine the tubing's suitability for the particular application.

**Notes:** The listed working pressures are based on a short term burst using a 3 to 1 safety factor.

**Ordering Examples:** TYRP-91638-100, 100' of tubing, 9/16" OD x 3/8" ID.

TYRP-2122-50, 50' of tubing, 2 1/2" OD x 2" ID.