

## PUREWELD® XL

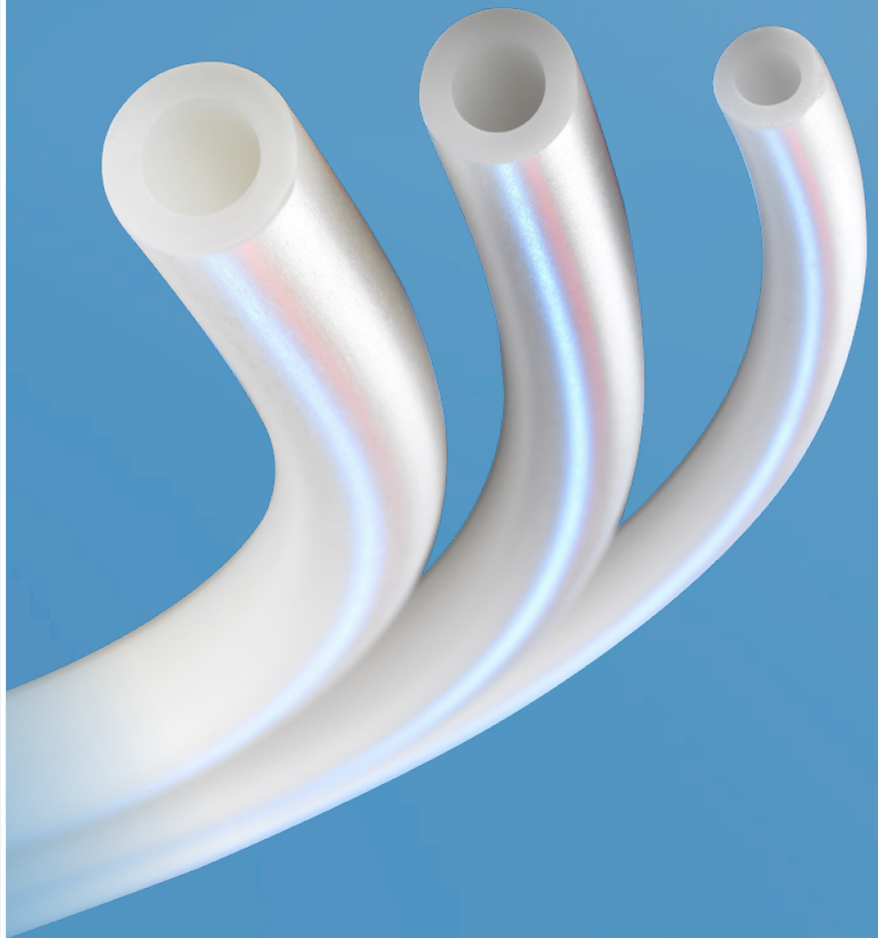
### Weldable biopharmaceutical tubing

#### High performance, weldable TPE tubing

Designed for secure, cost effective peristaltic pumping and transfer duties, PureWeld XL delivers longer pumping life than leading TPE competitors.

PureWeld XL has excellent chemical resistance, making it suitable for a range of bioprocessing fluids.

- Sealable and weldable for sterile connectivity
- Supported by a comprehensive validation guide including an extractables profile and burst pressure data
- Animal-derived component free (ADCF)
- Suitable for sterilisation by gamma irradiation



# PUREWELD® XL TUBING

## The high performance weldable pump tube

Supply continuity and product support from the leading manufacturer of fluid technology solutions. PureWeld XL delivers a safe and consistent process, using equipment and consumables designed to work together.

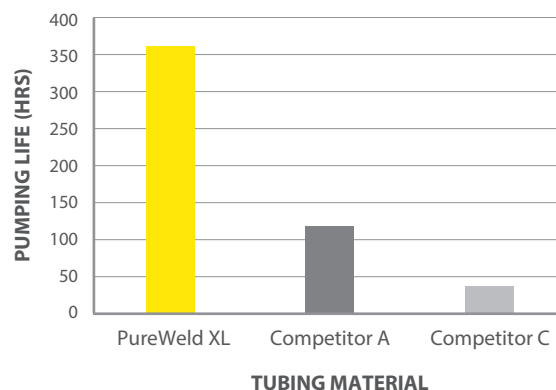


Secure welds, connector free

**Secure** - delivers significantly longer pump life than leading TPE competitors

The graph opposite shows the pumping life of PureWeld XL at 2 bar discharge pressure compared to Competitor A and Competitor C.

Pumping life at 2 bar discharge pressure



PureWeld XL	Typical Values
Material	SEBS
Colour/transparency	Opaque
Spallation	Very low
Life/hours	313/314 pumpheads - 500 hrs 520R pumpheads - 1300 hrs 620R pumpheads - 260 hrs 720 pumpheads - 645 hrs
Certification	USP Class V1, FDA regulations 21 CFR 177.1810 USP<85>, USP<661>, USP<788>
Sterilisation methods	Gamma
Operating temperature	-20C to 80C
Hardness, shore A (5sec)	65 to 73
Specific gravity	0.89 to 0.91
Tear B, ppi	> 148
Ultimate tensile strength Psi	1450 to 1930 psi
Elongation at break, %	> 450
Tensile stress at 100% elongation	290 to 435 psi
Compression set, %	74
UV resistance	Good

ISO Hardness: ISO 868; Specific gravity: ISO2781; Tear B, Ultimate tensile strength, Elongation at break, Tensile stress at 100% elongation; ISO37-2005

Values reported above are not intended for sales specification and some of the properties are not routinely measured.

PureWeld XL peristaltic pump tubing sizes available				
Bore		Wall		Part number
mm	inch	mm	inch	
0.5	1/50	1.6	1/16	941.0005.016
1.6	1/16	1.6	1/16	941.0016.016
3.2	1/8	1.6	1/16	941.0032.016
4.8	3/16	1.6	1/16	941.0048.016
6.4	1/4	1.6	1/16	941.0064.016
6.4	1/4	2.4	3/32	941.0064.024
8.0	5/16	1.6	1/16	941.0080.016
8.0	5/16	2.4	3/32	941.0080.024
9.6	3/8	2.4	3/32	941.0096.024
9.6	3/8	3.2	1/8	941.0096.032
9.6	3/8	4.8	3/16	941.0096.048
12.7	1/2	3.2	1/8	941.0127.032
12.7	1/2	4.8	3/16	941.0127.048
19.0	3/4	4.8	3/16	941.0190.048
25.4	1	4.8	3/16	941.0254.048

All sizes of PureWeld XL tubing are available in 50ft (15m) coils. Custom sizes are available to order, as are other specific requirements

Disclaimer: The information contained in this document is believed to be correct but Watson-Marlow Limited accepts no liability for any errors it contains and reserves the right to alter specifications without notice. It is the users responsibility to ensure product suitability for use within their application. Watson-Marlow, Pumpsil, PureWeld XL, Bioprene and puresu are registered trademarks of Watson-Marlow Limited. Bio Y, BioClamp, BioBarb, FlatBioEndCap, BioEndCap, BioValve and BioTube applicator are trademarks of BioPure Technology Limited. Tri-Clamp is a registered trademark of Alfa Laval Corporate AB. GORE and STA-PURE are trademarks of W.L. Gore and Associates.

**WATSON  
MARLOW  
Tubing**

wmftg.co.uk  
info@wmftg.co.uk  
+44 (0) 1326 370370