VERDERFLEX®



Verderchem

- ✔ Superior chemical resistance
- ✔ Long flex life
- ✔ Plasticiser-free bore



Verderchem peristaltic tubing is a high-performance, co-extruded product specifically formulated to provide an ideal combination of chemical resistance and pump life. Its inert ultra-smooth, plasticiser-free bore resists the absorption and adsorption of aqueous fluids while the outer jacket provides long flex life in peristaltic pumps. It is an excellent choice for soap and detergent dispensing.

Outstanding chemical resistance

The inner liner of Verderchem tubing significantly increases the chemical resistance and allows for a broader range of usability. The tubing is virtually unaffected by acids, bases, salts, ketones, and alcohols, allowing its use in a wide range of chemical applications without the need for multiple tubing.

Superior pump life

The outer jacket of Verderchem tubing is extremely flexible, expanding the pump life of the tubing and reducing downtime due to tubing failure.
It is virtually unaffected by most commercial sanitisers and cleaners and can be autoclaved for up to five cycles without affecting overall service life.

Features and Benefits

- Long flex life in peristaltic pumps
- Superior chemical resistance
- Meets FDA criteria for food contact
- Resists ad/absorption of aqueous fluid
- Temp. range -60 to +74°C

Compliance

- FDA
- RoHs







Verderchem

Part Number	Tube ID	Wall Thickness	Description	Quantity/box
	[mm]	[mm]		[m]
460.2003.15	4,8	1,6	15m Roll Verderchem 4.8 ID X 1.6 WT	15
460.2009.15	8,0	2,4	15m Roll Verderchem 8.0 ID X 2.4 WT	15

Typical physical properties

Property	Tested on	Value or Rating
Hardness Shore A (15 secs)	ASTM D2240	61
Colour		Cream
Colour coding (on box)		Purple
Specific gravity	ASTM D792	0.98
Compression set %	ASTM D395B	30
Ultimate elongation %	ASTM D412	375
Tensile strength at 100% (23c)	ASTM D412	1,000
Operating temperature °C (°F)		-60 to +74 (-76 to +165)

Unless otherwise noted, all tests were conducted at room temperature 73°F (23°C). Values shown were determined on 0.075 in (1.905 mm) thick extruded strip or 0.075 in (1.905 mm) thick molded ASTM plaques or molded ASTM durometer buttons. Size of tubing tested is 1/8 in ID x 1/4 in OD.

Many factors will reduce the tubing's ability to withstand pressure, including temperature, chemical attack, stress, pulsation and the attachment to fittings. It is imperative that the user conduct tests.



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VERDER
passion for pumps

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