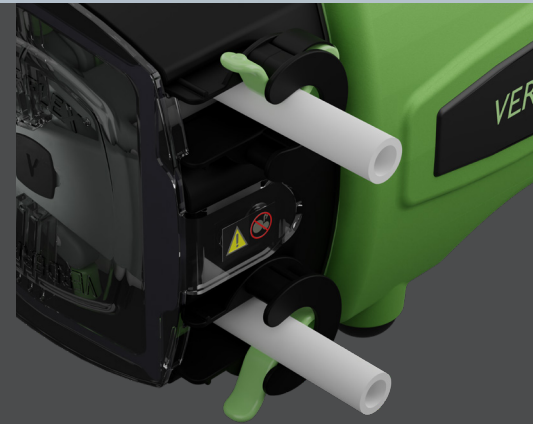


# Verderhygienic



- ✓ Taste and odour free
- ✓ Long-life tubing
- ✓ Perfect for food and beverage dispensing

Formulated to withstand a temperature range from -80°C to 135°C. Verderhygienic tubing will not crack or deteriorate when used in demanding food and beverage applications. Extremely flexible, it resists kinks and retains its shape making installation quick and easy. Its excellent flexural fatigue resistance makes it the absolute best choice for use in peristaltic pumps in dosing and dispensing applications.

### Sensory profile: taste and odour free

Verderhygienic was evaluated by an independent lab\* in a blind taste test. The results support that this tubing can be referred to as taste and odour free for applications such as milk, similar dairy products and syrups.

### Excellent chemical resistance

Verderhygienic tubing provides resistance to many food products, including those containing vegetable oils. It has excellent acid, alkali, and cleaner solution resistance, and is compatible with numerous oxidising agents such as peroxide, hypochlorite and ozone. For the complete listing of common chemicals and their relative effect on Verderhygienic tubing, please visit [www.verderliquids.com](http://www.verderliquids.com)

### Features and Benefits

- Taste and odour free
- Long flex life in peristaltic pumps
- Temperature resistant from -80°C to 135°C
- Chemically compatible with a wide range of cleaners and disinfectants
- Withstands pasteurisation temperatures

### Compliance

- Regulation (EC) No 1935/2004, (EU) 10/2011
- NSF-51
- FDA
- RoHs



**Verderhygienic**

| Part Number | Tube ID<br>[mm] | Wall Thickness<br>[mm] | Description                             | Quantity/box<br>[m] |
|-------------|-----------------|------------------------|---|---------------------|
| 460.2033.15 | 4,8             | 1,6                    | 15m Roll Verderhygienic 4.8 ID X 1.6 WT | 15                  |
| 460.2039.15 | 8,0             | 2,4                    | 15m Roll Verderhygienic 8.0 ID X 2.4 WT | 15                  |

**Typical physical properties**

| Property  | Tested on | Value or Rating |
|---|-----------|-----------------|
| Durometer hardness, shore A, 15 s                                 | D2240     | 65              |
| Colour  | -         | Opaque white    |
| Colour coding (on box)  |           | White           |
| Tear resistance, lb-ft/in   | D1004     | 170             |
| Specific gravity  | D792      | 0.89            |
| Water absorption, % at 23°C (73°F) for 24 hrs                     | D570      | 1.5             |
| Compression set constant deflection, % at 70°C (158°F) for 22 hrs | D395      | 36              |
| Maximum recommended operating temperature, °C (°F)                | -         | +135 (+275)     |
| Low temp flexibility °C (°F)                                      | D380      | -80 (-112)      |

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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