

## Tetco V (PTFE)

### PTFE Product Description:

TETCO V is a chemically modified polytetrafluorethylene (PTFE) that fills the gap between conventional PTFE and melt-processable PFA, thus extending Dotmar's product range. A number of properties of traditional PTFE have been improved by modifying the polymer chain. In comparison, Tetco V is distinguishable by:

- excellent weldability
- lower deformation under load
- low permeability

(Previously called Tetron T)

### PTFE Applications:

- Seals
- Welded Components
- Gaskets
- Encapsulated metal inserts
- Bearing Pads



### PTFE Delivery Program

(White) Made to order

Available on application.  
Rod, tube or machined parts.



#### PTFE Sheet

Thickness: 10 - 25 mm  
Size: 610 x 610 mm



#### PTFE Rod

Diameters: 12 - 60 mm



#### PTFE Tube

Outside Diameter: 36 - 625 mm



#### Machined PTFE Parts

### Physical Properties

Specific Gravity:	g/cm <sup>3</sup>	2.17
Continuous Operating Temperature:	°C	260
Tensile Strength:	Mpa	36
Impact Resistance:	Izod ASTM D296 J/m	N/A
Hardness:	Shore D	59
Co-efficient of Thermal Expansion:	mm/(mmxK)x10 <sup>-6</sup>	MD=120
Dielectric Strength:	KV/mm	95
Surface Resistivity:	Ohms	1x10 <sup>17</sup>
Flammability Flash Point:	°C	530
Elongation:	CD%	350-400
Co-efficient of Friction: Test Method Polish Steel 23°C		-

*This specification provides typical data to the best of our knowledge at the time of publishing. Due to our inability to control conditions of use and application, we are unable to make any recommendations or suggestions. Dotmar EPP PTY assumes no liability for use of information presented herein.*