



MACHINIST OF PTFE COMPONENTS AND OTHER  
HIGH PERFORMANCE ENGINEERING PLASTICS

Unit 10  
Torbay Business Park  
Wood View Road  
Paignton  
Devon  
TQ4 7HP

Tel 01803 540262  
Fax 01803 540263  
E-mail sales@aseal.co.uk

## Material Specification Sheet

### TFM/PTFE

#### Mechanical Properties

Specific Gravity		2.15 g/cm <sup>3</sup>
Tensile Strength		40 Mpa
Elongation @ Break		250-500%
Hardness		60 Shore D
Coefficient of friction		
Moisture Absorbion		0%

#### Thermal Properties

Maximum Working Temperature		°C
Minimum Working Temperature		°C
Operating Temperature		+ 290°C
Melting Temperature		+ 327°C

#### Characteristics

TFM 1700 :- Similar to PTFE with reduced Porosity. Improved Tensile Strength.
Can be Welded.
Basically a stressed PTFE with better memory, capable of snap back.

