

# Technical Data Sheet

## Fluorosilicone(WCMFVMQ)

<b><u>CHEMICAL DESCRIPTION:</u></b>	Copolymer of fluorovinyl and methyl siloxane
<b><u>PROPERTIES</u></b>	
<b>ASTM classification:</b>	FVMQ
<b>Typical applications:</b>	Food and medical applications, aircraft fuel systems
<b>Advantages:</b>	Excellent resistance to high and low temperatures Excellent ozone resistance Excellent compression set resistance Good resistance to oils and most non-polar solvents
<b>Disadvantages:</b>	Poor tensile strength and abrasion resistance
<b>Available hardness range (Sh. A):</b>	25 - 90
<b>Upper continuous service temp. (°C):</b>	225
<b>Min. temp. for sealing applications. (°C):</b>	-60
<b>Minimum non-brittle temp. (°C):</b>	-80
<b>Tensile strength (up to):</b>	9 MPa
<b>Elongation at break (up to):</b>	400%

**N.B. With all compounds, differing hardness's can affect final properties of the mix.**

COMPOUND



Certificate Number: 14352  
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

[www.epdm.co.uk](http://www.epdm.co.uk)

E-Mail: [Sales@epdm.co.uk](mailto:Sales@epdm.co.uk)

### Contact

Telephone: +44 (0)1625 573971  
FAX: +44(0)1625 573250  
PTM Ltd  
Units AG2/3 Clarence Mill  
Clarence Road, Bollington  
Macclesfield, Cheshire  
SK10 5JZ  
United Kingdom