

## 耐天候及臭氧的氟矽橡膠 Good weather & O<sub>3</sub> Fluorosilicone

- FVMQ除了含有矽橡膠部份性質外，還具有很好的流體抵抗特性，優異的耐天候及臭氧抗性，唯機械強度比較低，不適合使用在動態件上。

FVMQ elastomers are modified silicone rubbers, which have many of the properties associated with silicone rubber but show great improvements in oil and fuel resistance. Typical properties include excellent resistance to ozone, oxygen, weathering and non-adhesive characteristics.



### eq 特性與優點 FEATURE

高真空環境擁有良好的密封性能  
Great sealing capability in vacuum environment

對氣候老化以及O<sub>2</sub>環境有良好的抗性  
Extremely high weathering resistance and O<sub>2</sub> plasma stability

### eq 典型物理特性 PROPERTY

硬度(Shore A)	70
顏色(Color)	Blue
模數(Flexural Modulus, Mpa)	3
拉伸強度(Tensile strength at Break, Mpa)	8
延伸率(Elongation at Break, %)	225
最高連續使用溫度(Temp. ,°C)	200

### eq 建議應用位置 APPLIED POSITION

反應槽密封件(Chamber Seals)

管線接頭密封件(Fitting Seals)

氣體管線密封件(Gas Inlet/Outlet Pumping Line Seals)

### eq 建議應用製程 APPLIED PROCESS

乾式蝕刻(Dry Etch)

化學氣象沉積(CVD,PVD,Sputter)

氧化製程(Oxidation)