

CoreRes[®] F-575(VITON)

Fluoroelastomer Parts



CoreRes[®] F-575 has good resistance to solvent and various kinds of oil. It is widely used in semiconductor and FPD industries. It is not suitable in process where amine, ammonia, and hot Acid is used. Continuous service temperature of 200°C is suggested.

Features & Benefits

- Low out-gassing
- Minimal contamination
- Good physical properties
- Cost competitive

Applications

- Door Seals Lid seals
- Slit valves Isolator valves
- Windows seals KF fitting seals

Recommend Process Application

- Metallization (PVD, Sputtering,)
- Deposition
(CVD,PECVD,HDPCVD, Evaporation)
- Dry etch plasma
- Dry ashing

Typical Physical Properties

Color	Black
Tensile Strength (Mpa)	18
Elongation at Break (%)	180
100% Modulus (Mpa)	10.5
Shore A Hardness	75
Compression Set on O-Ring #214 70hrs @ 200°C	15
Service Temperature	200°C
