

# CoreRes<sup>®</sup> F-575(FKM)

Fluoroelastomer Parts



CoreRes<sup>®</sup> F-575는 각종 석유와 솔벤트에 뛰어난 저항성을 가지고 있으며, 200°C 온도에서도 좋은 Performance를 나타낸다. 반도체 및 FPD 산업에 Sealing용 제품으로 가장 널리 사용되며, 아민, 암모니아, 뜨거운 산에서의 적용은 알맞지 않다.

## Features & Benefits

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

## Applications

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

## Recommend Process Applications

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

## Typical Physical Properties

1. Color	Black
2. Tensile Strength (Mpa)	18
3. Elongation at Break (%)	180
4. 100% Modulus (Mpa)	10.5
5. Shore A Hardness	75
6. Compression Set on O-Ring #214 70hrs @ 200°C	15
7. Service Temperature	200°C

- 2~4번 ASTM D 412 규격
- 5번 ASTM D 2240 규격