

TECHNICAL DATA SHEET

ETHYLENE PROPYLENE RUBBER (EPDM)

TME 900

Description

Ethylene propylene rubber (EPDM) is a synthetic rubber with superior resistance to UV and is highly impermeable. Provides excellent seal ability for gases and liquids.



Material Properties

| | |
|--------------------------|--|
| Colour | Black |
| Dimensions | ANSI 16.21 Raised / Full Face and DIN Standard |
| Working temperature (°C) | -35 °C ~ +120 °C |

Physical Properties

| Properties | Test Standard | Unit | Specified Values | Test Values |
|---------------------|-------------------|-----------|------------------|-------------|
| Hardness | ASTM D 2240 - 97 | SHORE A | 70 +/- 5 | 67 |
| Tensile Strength | ASTM D 412 - 98 a | Psi (Bar) | 853 (58) | 61 |
| Elongation At Break | ASTM D 412 - 98 a | % | 300 (min) | 325 |
| Tear Strength | ASTM D 624 | Psi (Bar) | 327 (22) | 23 |
| Sp. Gravity | N/A | N/A | 1.30 +/- 0.05 | 1.28 |

Rubber sheets can be cut either to standard or customer specific requirements in-house.