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**SPECS &
INFORMATION**



EPDM rubber is a terpolymer of ethylene, propylene and diene monomers.

O-rings made from EPDM exhibit excellent resistance to weather influences and ozone, water and steam.

General purpose EPDM O-rings are manufactured using a sulphur-based curing system, these are suitable for use up to +120°C whilst peroxide curing

O-rings can be used up to +150°C. EPDM is especially useful in sealing braking systems that use glycol (Dot 3 and 4) or silicone (Dot 5) based fluids.

IQ-Parts peroxide cured EPDM O-rings have a range of approvals including ACS, WRAS, KTW, EN 681-1. Please contact us for more information.

Temperature range

Standard EPDM up to 120°C (intermittent)

Peroxide Cured to 150°C

Up to -30°C

Recommended temperature range -20°C to 120°C

Chemical resistance

- Hot water and steam up to 149°C with special connections up to 260°C
- Glycol-based brake fluids (Dot 3 & 4) and silicone-based brake fluids (Dot 5) up to 149°C
- Many organic and inorganic acids
- alkalis
- Hydraulic fluids based on phosphate esters (HFD-R)
- Silicone oil and grease
- Many polar solvents (alcohols, ketones, esters)
- Ozone, aging and weather resistant

Not compatible with:

- Mineral oil products (oils, fats and fuels)





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