

Description of materials for rubber types

Nitrile rubber (NBR)

High oil constancy (petrol, mineral oils).
Poor weather constancy and should not be used for details that are exposed to weather and wind.
Work temperature: -10°C to +50°C.

EPDM rubber

Very high ozone- and weather constancy.
Good cold constancy. Certain degree of constancy against oxidising acids and chemicals, animal or vegetable oils.
No constancy against mineral oils.
Work temperature: -40°C to +100°C.

Flourine rubber Viton (FPM)

High heat- and weather constancy.
Very good constancy against oils, acids and oxidising chemicals.
Expand in esters, ethers and ketones.
Work temperature: -40°C to +260°C.

Keeping and storing of rubber articles

Ozone accelerates the ageing process of rubber. O-rings and other sealing materials should therefore if possible be kept in a sealed package, not near fluorescent tubes or machines that generate ozone. Furthermore they should be protected against rapid ventilation. With regards to the rubbers ageing, sealing materials should be kept in dark, dust-free and dry store areas, where preferably the temperature does not exceed +15°C. Sealing materials may consequently not be stored close to radiators/electric heaters.

Seals should not be tied together with steel wire or similar materials, as the frail surface could easily be damaged.

Seals should be kept in their original package up until assembly. Seals should be kept in open condition. This means that when packing in cardboard the space should be large enough so that the seal does not deform by folding or similar.

Maximum storing time for rubber articles is 36 months (3 years).