

Rubber Packer Elements

PETROCO provides high performance engineering elastomers for high pressure and high temperature packing solution containing HNBR, Viton and Aflas formulations with an extended successful job cases.



Features, Advantages and Benefits

- Partially supporting weight for the down-hole tubing or liner
- Improving well flow and production rate
- Separating different producing zones
- Enhancing safety by limiting well control to tubing at the surface
- Holding fluid for well servicing in the casing annulus
- Preventing the downhole movement of the tubing string
- Guarding the annular casing from corrosion caused by the fluids and high pressures

Elastomer Technology

- Aflas formulations for HPHT gas wells
- Viton A, B and F formulations for low aniline point oils
- Viton G and ETP formulations for extreme conditions¹
- HNBR and NBR formulations for conventional conditions
- High temperature resistance up to 260 °C (500 °F)
- Life time gauranty due to NORSOK-M710 verification tests
- Preserve up to 10000 psi differential pressure
- High extrusion resistance
- Very low swelling against oil, aromatics and gas
- Very low compression set
- Aggressive chemical resistance (H₂S, HCl)
- Low permeability against gaseous diffusion
- Service life up to 10 years without noticeable property change

¹ Viton G and ETP are high performance and advanced technology vitons for very harsh chemical conditions and high temperatures (up to 230 °C (446 °F))