

VP103-90 Product Data Sheet

Oil & Gas applications

In conjunction with Parker Seals, this range of high performance materials for Oil & Gas meets the most challenging and demanding applications for aggressive chemicals, gas and high temperatures. These materials offer excellent chemical and thermal resistance and thermal stability under these extreme application conditions.

We provide our customers with the highest quality products and technical support on seal design, material recommendation, installation techniques and test analysis, specifically for the oil & gas market.

VP103-90 Aflas® is a general purpose TFE/P material. It is approved to ISO 23936-2 RGD & H₂S 10%, and NORSOK M-710 RGD and H₂S approved.

Basic Polymer: TFE/P Aflas®

Hardness: 90 +/- 5 Shore A

Temperature range: -4 °C to +232 °C

Colour: Black

Recommended for:

- Bases
- Sour Oil & Gas
- Steam
- Phosphate esters
- Amines
- Petroleum oils
- Acids
- Ozone
- Alcohols

Original Physical Properties	Results
Hardness (Shore A)	94
Tensile Strength, MPa	14.47
Elongation, %, min.	67
Modulus @ 100% MPa	12.09
Compression Set (70hrs @ 200°C) %	54

Products

- O-rings

These results represent typical material properties. They are achieved under laboratory conditions and do not necessarily correspond to results measured on finished goods. It does not absolve the customer of the responsibility to make tests for their intended process or purpose. Ceetak Ltd makes no warranties and assumes no liability in connection with any use of this information.