ProPack
DICHTUNGEN UND PACKUNGEN AG

Worldwide your competent partner for **Sealing Technology**

ARF Ring

Pure graphite ring

Characteristics

- High cross section density
- Self lubrication and limited wear
- Dry running capability
- Coefficient of thermal expansion similar to steel
- Maintenance free and elastic, also under variable pressure
- Non ageing, high chemical resistance
- Attention! Precise tolerances and surfaces of application are requested

Operating range

p [psi]	-	-	11603
v [fpm]	-	-	
t °F	-330 . . . +1020		
pH	0 - 14		
lb/in³	0.0506 up to 0.0650		

Temperature in steam

Main application

- Fittings
- Pumps (high temperature)
- Covers
- Valves

Suitable for

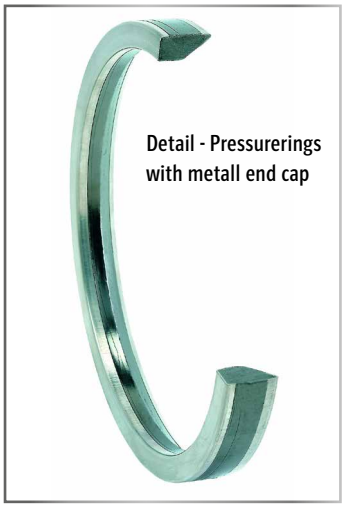
- Valves and fittings of all Industries

Despite ARF rings are mainly designed for valves it also can be used in pumps at higher shaft speeds due to its high heat conductivity. As this is a precision sealing element Stuffingbox needs to be in precise alignment and perfect surface condition.

Variant

- Graphite in Purity 98 %
- Graphite in Purity 99,85 %
- expanded graphite APX 2 foil with integrated oxidation protection
- VDI 2440 / TA Luft with a leakage rate of $5.7 \cdot 10^{-3}$ mbar · l/(s·m) 572 °F
- Rings with integrated reinforcement or endcaps made from AISI 316

Pressurerings with metall end cap



Detail - Pressurerings with metall end cap

Approvals

- Oxygen BAM 392 °F/3625 psi
- DVGW and KTW

Form of delivery

- Rings - endless, with cut into half-shells or with skive cut TA300 variant
- Rings with or without metal reinforcement
- Pressure seals in any kind of geometry
- Tape in 13/8", 9/16", 3/4", 1" width, corrugated
  #0,016" thick with density 0,0397
  #0,020" thick with self adhesive and density 0,0361

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