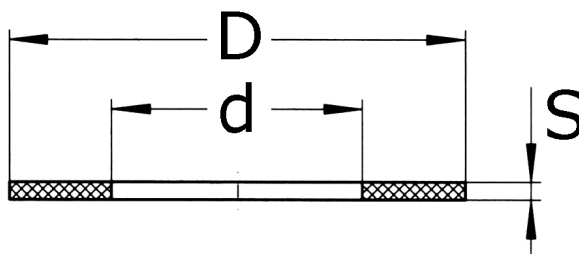


gasket, AFM 30 green

[short name: AFM30\\*](#)

DIN 2690/ EN 1514-1 type IBC



### technical product sheet

DN	D	d	S	PN	Art.-Nr.
15	50	22	2,0	10-40	FD-021-R30
20	61	27	2,0	10-40	FD-026-R30
25	70	35	2,0	10-40	FD-033-R30
32	82	43	2,0	10-40	FD-042-R30
40	92	49	2,0	10-40	FD-048-R30
50	107	61	2,0	10-40	FD-060-R30
65	127	77	2,0	10-40	FD-076-R30
80	142	90	2,0	10-40	FD-088-R30
100	162	115	2,0	10+16	FD-114-R30
125	192	141	2,0	10+16	FD-139-R30
150	218	169	2,0	10+16	FD-168-R30
200	273	220	2,0	10+16	FD-219-R30
250	328	274	2,0	10	FD-273-R3A
300	385	325	2,0	10	FD-323-R3A
400	490	420	2,0	10	FD-406-R3A

available material: Aramid-F.

Flanges &gt; other &gt; gaskets &gt; fibre materials &gt; AFM 30

## **VICTOR REINZ - AFM 30**

As of: 03/2006

### > Materials

AFM 30 is a seal material free of asbestos. It contains aramid fibers and other asbestos substitutes with high temperature resistance that are combined with high-quality elastomers at high pressure and high temperature.

### > Properties

AFM 30 is adaptable and possesses a very good mechanical/thermal strength, which is proven by the high pressure stability.

It is excellently suited for sealing gases and liquids.

ASM 30 has good resistance to oil, gasoline, acids and bases.

### > Applications

- in compressors, pipes, equipment, ...
- for sealing gearbox, hydraulic, low-temperature, and motor oils as well as fuels
- against Mixture made of water with frost and corrosion protection agent
- against refrigerants/freons, bases and solvent

## **Approvals**

DIN-DVGW according to DIN 3535, Part 6 FA

VP 401 all levels; higher thermally resistant seals

BAM (Bundesanstalt für Materialprüfung), in oxygen-steel pipelines up to 100 bar and 80°C

HTB (higher thermal resistance) acc. to DIN 3374/3376 for 0.1 bar and 1 bar and 650°C/30 min.

## **Pressure and temperature\***

400°C - Peak temperature temporarily

250°C - Constant temperature maximal

125 bar - Operating pressure maximal

\*= Maximum continuous temperature and maximum pressure must not occur at the same time

## Technical data

Requirement	Values*
Density	1,75 - 1,95 g/cm <sup>3</sup>
Annealing loss according to DIN 52 911	< 36 %
Tensile strength according to ASTM F 152, quer	> 12 N/mm <sup>2</sup>
Tensile strength according to DIN 52 913, quer	> 9 N/mm <sup>2</sup>
Pressure stability according to DIN 52 913, 16 h,	approx. 25 N/mm <sup>2</sup>
Pressure stability according to DIN 52 913, 16 h,	approx. 36 N/mm <sup>2</sup>
Compression according to ASTM F 36/J	7 - 15 %
Spring recovery according to ASTM F 36/J	> 50 %

\*= Nominal thickness 2,0 mm

## Seal shapes

Shape	Designation
IBC	level sealing face
SR	M/F face
TG	groove - spring
FF	with drill holes

