

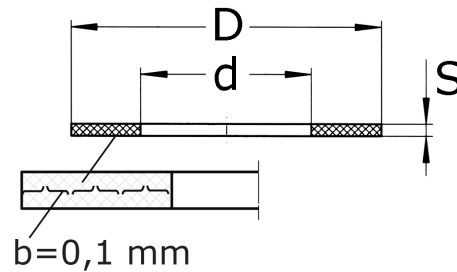
gasket reinforced

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

with tanged stainless steel

SIGRAFLEX® UNIVERSAL

DIN 2690/ EN 1514-1 type IBC



### technical product sheet

DN	D	d	S	PN	Art.-Nr.
10	46	18	2,0	10-40	FD-017-SU0
15	50	22	2,0	10-40	FD-021-SU0
20	60	28	2,0	10-40	FD-026-SU0
25	71	35	2,0	10-40	FD-033-SU0
32	82	43	2,0	10-40	FD-042-SU0
40	92	49	2,0	10-40	FD-048-SU0
50	107	61	2,0	10-40	FD-060-SU0
65	127	77	2,0	10-40	FD-076-SU0
80	142	89	2,0	10-40	FD-088-SU0
100	162	115	2,0	10+16	FD-114-SU0
125	192	141	2,0	10+16	FD-139-SU0
150	218	169	2,0	10+16	FD-168-SU0
200	273	220	2,0	10+16	FD-219-SU0
250	328	274	2,0	10	FD-273-SU0
300	378	325	2,0	10	FD-323-SU0
300	385	325	2,0	16	FD-323-SUB
350	438	368	2,0	10	FD-355-SU0
400	489	407	2,0	10	FD-406-SU0
500	594	520	2,0	10	FD-508-SU0

available material: Graphit

Flanges > other > gaskets > graphite > ... with reinforcement



## **SIGRAFLEX® UNIVERSAL**

Impregnated flat gasket made of natural graphite with reinforcement of stainless steel spit sheet. For better handling and to reduce the leakage, the sealing plate is provided with an impregnation.

SIGRAFLEX® UNIVERSAL is mainly used as a flat gasket material for flanges with a flat sealing strip according to DIN EN 1514, DIN 2690 and ANSI.

Typical applications are pipes with corrosive media and at high temperatures in the chemical, petrochemical and power plants.

Can be used at operating temperatures from  $-250\text{ }^{\circ}\text{C}$  to approx.  $550\text{ }^{\circ}\text{C}$ , taking into account media resistance.

Under vacuum, the material can be used for operating pressures up to 100 bar..

The seal is suitable for high surface pressures of up to  $140\text{ N / mm}^2$ .

### **Properties**

High operational safety and outstanding oxidation resistance

High blow-out safety and high mechanical strength

Good chemical resistance

Very high error forgiveness during installation and operation

Long-term stable compression and springback behavior even with temperature changes

Good scratch resistance; low adhesion to other materials due to special impregnation

Under the recommended surface pressures no measurable cold and warm flow

Resistant to aging and not embrittling, as it is free of adhesive and binder