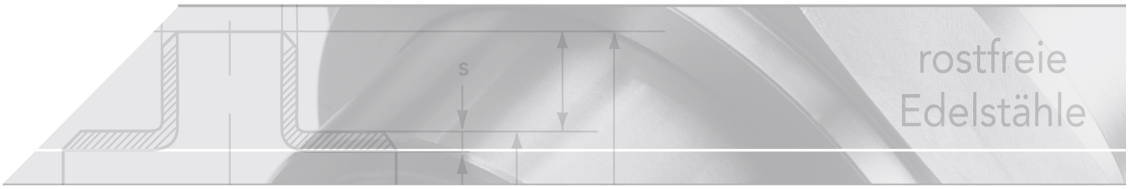
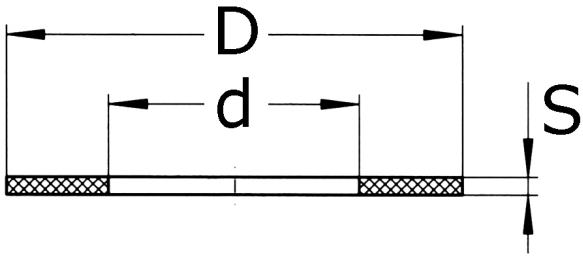


gasket, KLINGERsil

short name: FD.4*

DIN 2690/ EN 1514-1 type IBC



technical product sheet

PN	DN	D	d	S	Art.-Nr.
10-40	15	50	22	2,0	FD-021-K40
10-40	20	60	28	2,0	FD-026-K40
10-40	25	70	35	2,0	FD-033-K40
10-40	32	82	43	2,0	FD-042-K40
10-40	40	92	49	2,0	FD-048-K40
10-40	50	107	61	2,0	FD-060-K40
10-40	65	127	77	2,0	FD-076-K40
10-40	80	142	90	2,0	FD-088-K40
10+16	100	162	115	2,0	FD-114-K40
10+16	125	192	141	2,0	FD-139-K40
10+16	150	218	169	2,0	FD-168-K40
10+16	200	273	220	2,0	FD-219-K40
10	250	328	274	2,0	FD-273-K4A
10	300	378	324	2,0	FD-323-K4A
10	350	438	368	2,0	FD-355-K4A
10	400	490	420	2,0	FD-406-K4A
10	450	540	470	2,0	FD-457-K4A
10	500	595	520	2,0	FD-508-K4A
10	600	695	610	2,0	FD-609-K4A
10	700	810	712	2,0	FD-712-K4A
16	300	385	325	2,0	FD-323-K4B
16	400	495	407	2,0	FD-406-K4B
16	500	617	508	2,0	FD-508-K4B

available material: C-4400

Flanges › other › gaskets › fibre materials › KLINGERsil C-4400

KLINGERsil C-4400

"Aramid fibers, bonded with NBR (printed in green)

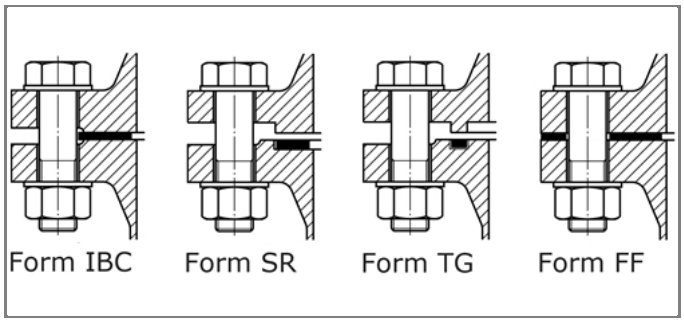
The universal high pressure-seal for numerous areas in the chemical industry, food processing, drinking water supply, and for other general purposes.

Suitable for use for oils, water, vapor, gases, salt solutions, fuels, alcohols, organic and inorganic acids, hydrocarbons, lubricants and refrigerants.

Technical data

Properties	Values*
Compressibility ASTM F 36 A	11%
Spring recovery ASTM F 36 A	min. 55%
Pressure stability DIN 52913	50 Mpa, 16h/ 300°C 25 Mpa
Pressure stability BS 7531	23 Mpa
Klinger cold/hot- compression	50 MPa 23 °C 10 %
Klinger cold/hot- compression	50 MPa 300 °C 22 %
Sealing tightness according to DIN 3535/6	0,2 ml/min
Anticorr. tendency chloride content (soluble)	150 ppm
Thickness swelling ASTM F 146 oil JRM 903	5h / 150 °C 3 %
Thickness swelling ASTM F 146 Fuel B	5h / 23 °C 5 %
Density	1,6 g/cm³
Mean surface resistance	R OA 3,6x10E10 Ohm
Mean specific insulation resistance	Rho D 1,4x10E10 Ohm cm
Mean dielectric strength	24 kV/mm
Mean dielectric loss factor 1kHz, ca. 3mm thickness	0,147 tan Delta
Mean dielectric constant 1kHz, ca. 3mm thickness	9,7 Epsilon r
Thermal conductivity	0,40-0,42 W/mK

* = Values for 2,00 mm thickness

Seal shapes

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