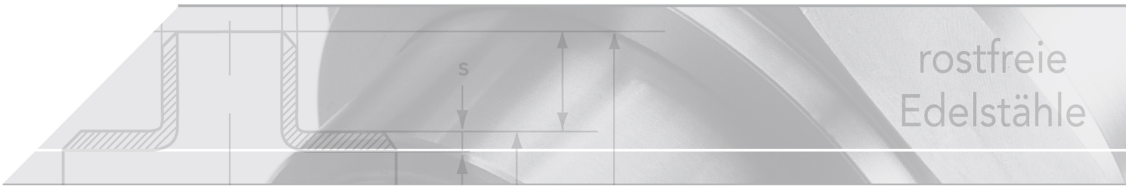
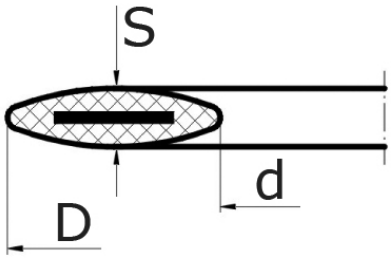


rubber coated steel gasket

short name: FD.S*

DIN 2690/ EN 1514-1 type IBC



technical product sheet

DW	DN	D	d	S	PN
EPDM	15	50	22	4,0	10-40
EPDM	20	61	27	4,0	10-40
EPDM	25	70	35	4,0	10/16
EPDM	32	82	43	4,0	10/16
EPDM	40	92	49	4,0	10/16
EPDM	50	107	61	4,0	10/16
EPDM	65	127	77	4,0	10/16
EPDM	80	142	89	4,0	10/16
EPDM	100	162	115	5,0	10/16
EPDM	125	192	141	5,0	10/16
EPDM	150	224	169	5,0	10/16
EPDM	200	273	220	6,0	10/16
EPDM	250	328	274	6,0	10
EPDM	300	378	324	6,0	10
EPDM	350	438	356	6,0	10
EPDM	400	489	407	7,0	10
EPDM	450	539	458	7,0	10
EPDM	500	594	508	7,0	10
EPDM	600	695	610	7,0	10
EPDM	700	810	720	8,0	10
EPDM	800	917	813	8,0	10
NBR	15	50	22	4,0	10/16
NBR	20	60	28	4,0	10/16
NBR	25	70	35	4,0	10/16
NBR	32	82	43	4,0	10/16
NBR	40	92	49	4,0	10/16
NBR	50	107	61	4,0	10/16
NBR	65	127	77	4,0	10/16
NBR	80	142	90	4,0	10/16
NBR	100	162	115	5,0	10/16
NBR	125	192	141	5,0	10/16
NBR	150	218	169	5,0	10/16
NBR	200	273	220	6,0	10/16
NBR	250	328	274	6,0	10
NBR	300	378	324	6,0	10
NBR	350	438	356	6,0	10

DW	DN	D	d	S	PN
NBR	400	489	407	7,0	10
NBR	450	539	458	7,0	10
NBR	500	594	508	7,0	10
NBR	600	695	610	7,0	10
NBR	700	810	720	8,0	10
NBR	800	917	813	8,0	10
NBR	900	1015	920	8,0	10

available material: St 37.0/ P235TR1

Flanges › other › gaskets › rubber steel

Version

Vulcanized rubber seal shaped like a lens, rounded corners, self-centeringsteel ring vulcanized in rubber that is enclosed on all sides by the selected elastomer and is therefore fully protected against corrosion and media.

Advantages

- Small leakage values for uneven surfaces due to the smoothing effect of the elastomer
- Even at low torque values, relatively small leakage rates are achieved
- Simple handling, especially in comparison to non-reinforced rubber seals
- High shape stability and prevents from being pressed out due to the steel core

Materials

Elastomer	Temperature range	Approvals	Shore/ Hardness
EPDM	-30°C to +120 °C	TA-air, KTW, FDA	70 (+/-5)
NBR	-25°C to + 70°C	TA-air, DVGW, KTW, FDA	80 (+/-5)
FPM (Viton)	-20°C to + 200°C	TA-air	75 (+/-5)

Pressure

max. 25 bar (depending on nominal width)

The technical data are only guidelines and not assured properties.
Please contact us when in doubt.