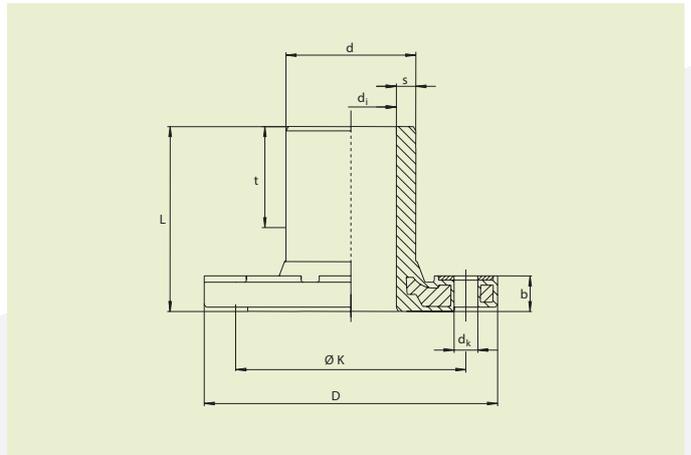


## FRIALEN® SAFETY FITTINGS

### EFL FULL FACED FLANGES (SPIGOT FITTINGS)



#### PE 100 SDR 11

Maximum working pressure 16 bar (water)/10 bar (gas)



d/DN	Order Ref.	Stock-status	BX	PU	D	L	t	d <sub>k</sub>	d <sub>i</sub>	Ø k	s	Holes for screw	b	Weight kg/each
63/50	615417	1	5	250	169	105	53	17	51	125	5,8	4	23	1.500
90/80	615418	1	5	160	204	130	71	17	72	160	8,2	8	25	2.540
110/100	615419	1	3	96	224	150	83	17	87	180	10,0	8	27	3.310
125/100	615605	1	2	64	224	160	85	17	101	180	11,4	8	30	3.280
160/150	615421	1	2	36	288	190	120	21	127	240	14,6	8	29	6.140
180/150	615927	1	2	36	288	200	120	21	123	240	16,4	8	31	6.660
225/200	615607 ①	1	1	27	343	225	120	21	180	295	20,4	8	31	9.100

① Flange bore for PN 10

## FRIALEN® SAFETY FITTINGS

### **EFL** FULL FACED FLANGES (SPIGOT FITTINGS)

#### Areas of Application

The FRIALEN Full Faced Flange EFL is used for the connection between HD-PE and another material or valve up to PN 16. EFL d 63-180 bolt circle for PN 10 and PN 16. EFL d 225/DN 200 is available only with a PN 10 bolt circle.

#### Assembly Instructions

The Full Faced Flange is installed without pressure. Please refer to the FRIALEN Assembly Instructions regarding preparations for FRIALEN fusion on the flange adaptor (marking insertion depth, removing oxide skin, cleaning etc.).

DIN EN 1092-1 applies to bolt circle diameter, measurements and number of bolts.

All commercial profile and flat gaskets can be used. Please observe the bolt torque specifications by the gasket manufacturer. We recommend profile gaskets type G-St.

#### Good reasons for the FRIALEN-Full Faced Flanges EFL:

- Flange adaptor and flange are one construction component and make a homogeneous unit
- The cold flowing properties well known with HD-PE are avoided through this constructive configuration
- Solid construction. Integration of the flange prevents tear-off