

EFL

Full faced flange (spigot fitting)

Flange adapter and flange EFL

- Water and gas
- Maximum pressure: Water 16 bar, gas 10 bar
- Material: PE 100 and metal insert

Note:

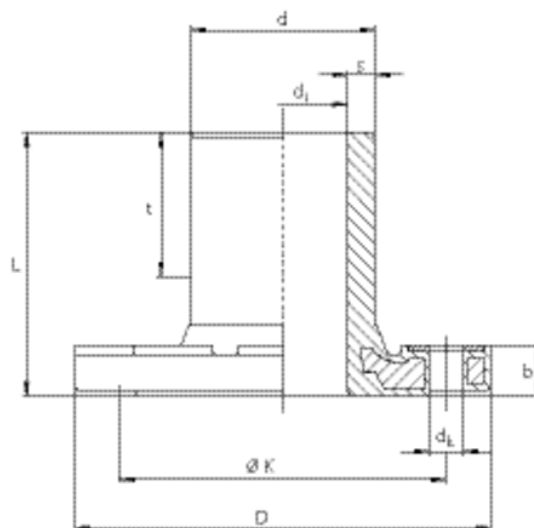
Metal insert in flange in order to prevent cold flow.

Fused side for processing with FRIALEN couplers MB or UB.

We recommend GST seals.

Note the screw tightening torques after specifying the seal manufacturer or DVS.

Additional washers are required.



PE 100 SDR 11

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



	Reference	d/DN	b	D	dk	d _i	Ø k	L	s	t	Holes	Weight kg	BX	PU
	615417	63/50	23	169	17	51	125	105	5,8	53	4	1,500	5	250
	615418	90/80	25	204	17	72	160	130	8,2	71	8	2,540	5	160
	615419	110/100	27	224	17	87	180	150	10	83	8	3,310	3	96
	615605	125/100	30	224	17	101	180	160	11,4	85	8	3,280	2	64
	615421	160/150	29	288	21	127	240	190	14,6	120	8	6,140	2	36
	615927	180/150	31	288	21	123	240	200	16,4	120	8	6,660	2	36
1	615607	225/200	31	343	21	180	295	225	20,4	120	8	9,100	1	27

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¹ Flange drill hole for PN 10



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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