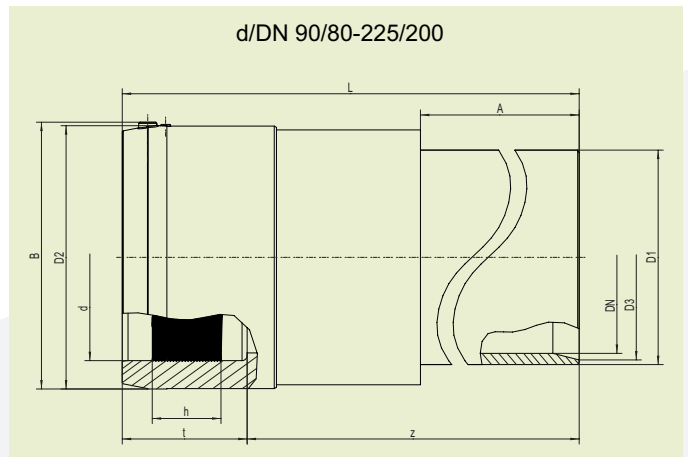
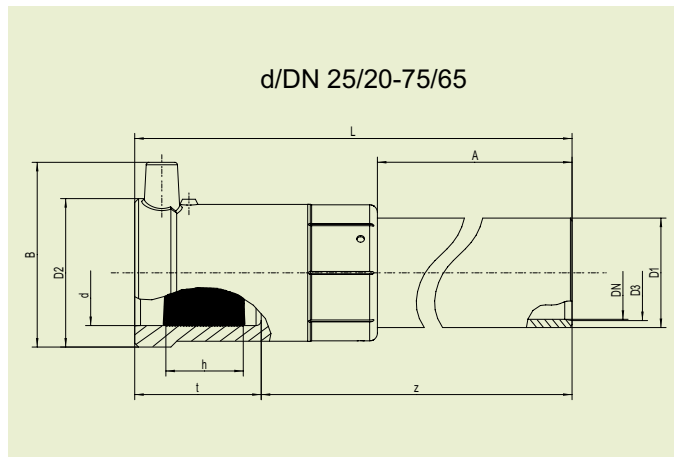


FRIALEN® SAFETY FITTINGS

USTR TRANSITION FITTINGS HD-PE/STEEL



PE 100 SDR 11

Maximum working pressure 10 bar (gas)



d/DN	Order Ref.	Stock-status	BX	PU	L	t	z	h	B	A	D ₁	D ₂	D ₃	Weight kg/each
25/20	612744	1	20	600	376	36	340	20		300	27	43	21	0,840
32/25	612780 ①	1	15	450	387	44	343	24	63	300	34	49	28	0,820
40/32	612781 ①	1	10	300	393	49	344	31	72	300	42	58	37	1,070
50/40	612782 ①	1	8	240	409	54	355	31	83	300	48	70	42	1,320
63/50	612783 ①	1	6	180	410	55	355	33	96	300	60	83	54	1,880
75/65	612789	1	4	120	425	63	363	41	114	300	76	98	70	4,420
90/80	612784 ①	1	1	84	405	79	326	42	130	255	89	130	83	5,350
110/100	612785 ①	1	1	54	420	82	338	35	153	255	114	153	107	8,380
125/100	612786 ①	1	1	46	425	87	338	42	168	255	114	168	107	8,870
160/150	612787	1	1	24	484	98	386	54	210	250	168	199	161	17,000
180/150	615030	1	1	18	500	105	395	50		250	171	227	161	21,250
200/200	612795	1	1	12	480	112	368	53		225	219	264	211	27,020
225/200	612370	1	1	11	505	120	385	76		225	219	285	211	27,350

FRIALEN-Safety Fittings can be fused to pipes of SDR stages 11 to 17.6. Minimum wall thickness $s_{min} \geq 3$ mm. Other wall thicknesses on request. Please observe the marking directly at the product, which is mandatory. DVGW-Registration Nos.: DV-7501AU2256, DV-7501AU2257 and DV-7501AU2258

① Front face of steel pipe according to EN 10217-1; ASTM A106/A106M-14

FRIALEN® SAFETY FITTINGS

USTR TRANSITION FITTINGS HD-PE/STEEL

Areas of Application

FRIALEN-Transition Fittings USTR are used for connection of HD-PE house connection pipe to the steel pipe of the house entry fitting. The larger dimensions connect an HD-PE pipeline to a steel fitting or steel pipeline.

Assembly Instructions

Due to heat dissipation only arc welding is permissible. The fusion of the HD-PE side takes place by FRIALEN-fusing – leakproof and longitudinally strong.

Welding of the steel end and fusion of the HDPE side have to be prepared according to the general installation instructions (see "Transition Fittings" in "Assembly Instructions" for "FRIALEN-Safety Fittings for house connections and distribution pipes up to d 225"). This involves removing the oxide skin and cleaning the pipe ends.

Good reasons for using the FRIALEN-USTR:

- Compact construction
- HD-PE side with exposed heating element for optimal heat transfer
- Cold zones at the end to prevent the flow of molten material
- No holding clamps required
- Large insertion depth, extra wide fusion zones
- Steel end permanently anchored in the HD-PE and will not distort
- Self sealing patented sealing geometry without elastomer seal
- Additional barcode for tracing back the underground fitting (Traceability-Coding)