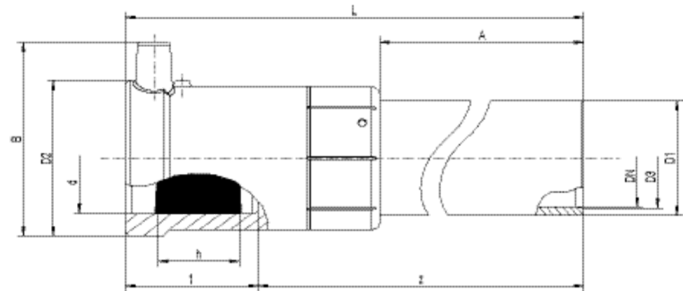


USTR
FRIALEN Safety Fittings

Transition Fittings HD-PE/Steel



d/DN 25/20-75/65



PE 100 SDR 11



Maximum working pressure 10 bar (gas)

	SKU	d/DN	BX	PU	L	t	z	h	B	A	D ₂	D ₃	Weight kg
1	612780	32/25	15	360	387	44	343	24	63	300	49	28	0,820
1	612781	40/32	10	240	393	49	344	31	72	300	58	37	1,070
1	612782	50/40	8	192	409	54	355	31	83	300	70	42	1,320
1	612783	63/50	6	144	410	55	355	33	96	300	83	54	1,880
	612789	75/65	4	96	425	63	363	41	114	300	98	70	4,420
1	612784	90/80	1	77	405	79	326	42	130	255	130	83	5,350
1	612785	110/100	1	54	420	82	338	35	153	255	153	107	8,380
1	612786	125/100	1	45	425	87	338	42	168	255	168	107	8,870
	612787	160/150	1	24	484	98	386	54	210	250	199	161	17,000
	615030	180/150	1	18	500	105	395	50	-	250	227	161	21,250
	612795	200/200	1	12	480	112	368	53	-	225	264	211	27,020
	612370	225/200	1	11	505	120	385	76	-	225	285	211	27,350

¹ Pipe seamless, Front face of steel pipe according to DIN EN 10220/EN 10216-1, ASTM A106/A106M-14

 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

USTR**FRIALEN Safety Fittings****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 HD-PE 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.

USTR**FRIALEN Safety Fittings**

Transition Fittings HD-PE/Steel

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)