

USTRS

Transition fitting, steel pipe, spigot

Transition fitting for steel pipe, spigot USTRS

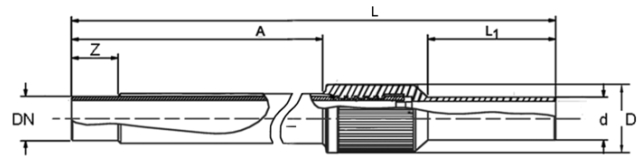
- Gas
- Maximum pressure: Gas 10 bar
- Material: PE 100 and steel [ISO 3183 / API5L]

Note:

To be utilised with the fusion couplers UB.

Anchored the steel side non-detachable and non-rotatable in the PE.

Steel pipe batch characterised by re-stamping of the pipe connection.



PE 100 SDR 11

Maximum permissible working pressure 10 bar (gas)



Reference	w	d/DN	BX	PU	D	L	L1	Z	A	Weight kg
616632	2,60	20/15	21	630	45	425	80	15	250	0,450
616633	2,60	25/20	21	630	45	460	90	35	285	0,650
616634	3,20	32/25	18	540	51	460	95	35	285	0,950
616635	3,20	40/32	12	360	63	470	100	35	285	1,250
616636	3,20	50/40	8	240	70	480	110	35	285	1,450
616637	3,60	63/50	6	216	89	480	110	35	275	2,150
616638	3,60	75/65	2	98	95	540	130	35	310	2,950
616639	4,00	90/80	2	98	117	580	140	45	310	3,950
616640	5,40	110/100	2	50	150	585	145	45	295	7,050
616641	5,40	125/100	2	50	150	585	150	45	295	7,300
616642	5,00	140/125	1	25	163	580	155	45	320	8,000
616643	5,00	160/150	1	25	210	610	160	45	290	10,500
616644	5,00	180/150	1	25	210	610	170	45	290	11,000

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Reference	w	d/DN	BX	PU	D	L	L1	Z	A	Weight kg
616645	6,30	200/200	1	16	259	630	155	45	300	17,500
616646	6,30	225/200	1	16	259	610	145	45	300	18,000
616647	6,30	250/250	1	8	324	640	140	45	300	30,500
616648	6,30	280/250	1	8	324	640	160	45	300	31,000
616649	8,80	315/300	1	6	368	725	220	45	315	46,500
616650	8,80	355/300	1	6	368	735	260	45	315	48,000
616651	8,80	400/400	1	3	475	770	190	45	350	83,200
616652	10,00	500/500	1	2	590	1050	365	50	350	127,500
616653	12,70	630/600	1	2	735	1100	430	50	360	242,000

Please note the mandatory labels directly on the product.

DVGW test mark issued with Reg. No.:

- DG-7521CR0259
- DW-7511CR0156

Welding ends according to standard: ASTM A106, DIN EN ISO 3183 (w = wall thickness of steel pipe)

Material steel ISO 3183 / API5L.

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Areas of Application

The FRIALEN Transition Fittings USTRS are adapters to connect HD-PE pipes to steel pipes. The HD-PE spigot end has to be connected to a HD-PE pipe with FRIALEN Couplers. The steel spigot end of the USTRS has to be connected with a welding process to a steel pipe.

The front face of the steel pipe is according to ASTM A106 and DIN EN ISO 3183.

Assembly Instructions

The connection of the steel side happens with arc welding. Due to the heat dissipation only arc welding is permissible.

The fusion of the PE spigot end with a FRIALEN coupler takes place by using FRIALEN fusion process – leakproof and longitudinally strong.

The welding of the steel end and the fusion of the HD-PE side have to be prepared according to the general installation in-

struction (see "Transition Fittings" in "Assembly Instructions" for "FRIALEN-Safety Fittings for house connections and distribution pipes"). This involves removing the oxide layer and cleaning the pipe ends.

Good reasons for using the FRIALEN-Transition Fitting USTRS:

- Steel end permanently anchored in the HD-PE and will not distort
- Little insulating work due to coated steel pipe
- HD-PE side with spigot end for processing without holding device, designed for FRIALEN couplers
- Pull-proof connection
- Compact construction
- Additional barcode for tracing back the fitting (Traceability-Coding)
- Oxidic layer may be removed from PE spigot end using scraper tools