

## **USTM**

## Transition fitting HD-PE/steel with female thread

Transition fitting steel pipe USTM

- Gas and H2
- Maximum pressure: Gas 5 bar
- Material: PE 100 and steel (EN 10278; EN 10277-3 11SMn30+C -, thread to EN 10226-1)
- · Safety technology

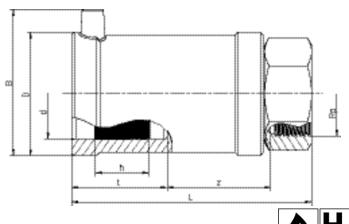
#### Note:

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

Self-sealing, patented sealing geometry without elastomeric gasket for use in gas applications.

Other thread dimensions available on request.





PE 100 SDR 11

Maximum permissible working pressure 5 bar (gas)

Reference	d	Rp	вх	PU	D	L	t	z	h	В	Weight kg
612570	32	1"	20	1080	47	112	42	49	24	61	0,340
612572	40	11/4"	20	800	58	121	46	53	30	70	0,500
612574	50	11/2"	15	600	70	136	53	60	30	80	0,650
612576	63	2"	10	400	84	141	53	61	35	94	1,010

## Other thread dimensions on request

FRIALEN safety fittings can be fused with SDR11 - SDR17.6 pipes, minimum wall thickness s minimum ≥ 3 mm. Other levels of SDR can be processed on request. Please note the mandatory labels directly on the product. DVGW test mark issued: DV-7501AU2256



# FRIATEC

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#### Areas of Application

FRIALEN-Transition Fittings USTM are threaded joints as an adaptor from a metal pipe with external thread to a HD-PE pipe. Joint on the part of HD-PE by FRIALEN-Coupler.

#### Assembly Instructions

The threaded component must be held with a spanner to prevent it twisting in the HD-PE component. The fusion of the HD-PE side takes place by FRIALEN-fusing – leakproof and longitudinally strong.

The installation of the steel and the HD-PE side has to be prepared according to the general installation instructions (see "Transition Fittings with threaded connection" 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-USTM:

- · 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 fitting (Traceability-Coding)

