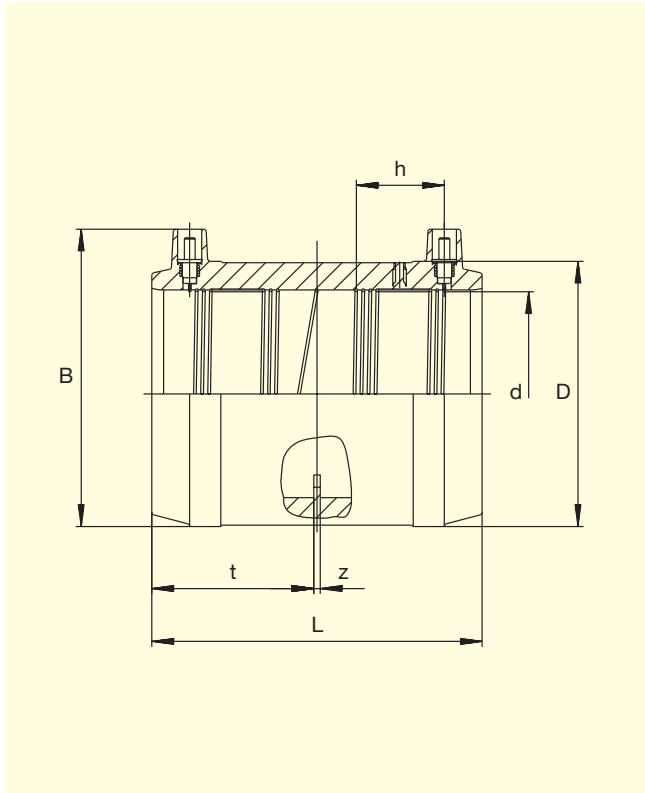


FRIALEN®-Couplers MBI

with removable stop
PE 3408/4710 SDR 11

Maximum working pressure 200 psi (Water) / 125 psi (Gas)



Dimension	Order-Ref.	Stock-status	VE	PE	D	B	L	t	z	h	Weight kg/each
3/4 IPS	T-612 860	1	60	3000	1.575	2.207	2.598	1.260	0.079	0.709	0.040
1 IPS	T-612 839	1	30	1500	1.850	2.478	3.071	1.496	0.079	0.837	0.070
1 1/4 IPS	T-612 842	1	20	1000	2.205	2.829	3.346	1.634	0.079	0.953	0.094
1 1/2 IPS	T-612 871	1	15	750	2.480	3.087	3.858	1.890	0.079	1.041	0.133
2 IPS	T-612 864	1	8	400	3.110	3.642	4.449	2.185	0.079	1.280	0.213
3 IPS	T-612 865	1	30	240	4.583	5.057	5.433	2.677	0.079	1.555	0.470
4 IPS	T-612 866	1	24	192	5.590	6.125	6.860	3.091	0.079	1.728	0.770
6 IPS	T-612 868	1	8	64	8.249	8.466	7.480	3.700	0.079	1.900	1.900

FRIALEN®-Safety Fittings can be fused to IPS pipes SDR 9 to 17.6

Dimension	Order-Ref.	Stock-status	VE	PE	D	B	L	t	z	h	Weight kg/each
1/2 CTS	T-612 867		80	4000	1.102	1.754	2.360	1.141	0.079	0.636	0.027
1 CTS	T-612 861		30	1500	1.654	2.285	3.071	1.496	0.079	0.837	0.063

FRIALEN®-Safety Fittings can be fused to CTS pipes according to ASTM D2513, Table 2 with wall thickness ≥ 0.09 in.

Approvals: FM 200 PSI: 3 IPS - 6 IPS

Please turn over for important information regarding application of **FRIALEN®** Coupler MBI.



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Maximum working pressure 200 psi (Water) / 125 psi (Gas)

Areas of Application

The FRIALEN[®]-coupler MBI is used for pipe connections when laying long runs. Additional areas of application:

- Integration of adapters into an existing pipe-line
- Connection of pipelines with fixed or restraint points
- Reinforcement / sealing of localised pipe damage
- Reinforcement of pinch points

Assembly Instructions

The pipe ends are prepared according to the general installation instructions (see "Assembly Instructions" for FRIALEN[®]-Safety Fittings for house connections and distribution pipes). This involves removing the oxide skin and cleaning the pipe ends. Please note that spigot must be at least half as long as the coupler.

Ten good reasons for using the FRIALEN[®]-Coupler MBI

- **Large coupler depth for ease of pipe guiding (no holding clamps required)**
- **Extra wide fusion zones**
- **Maximum stability through great wall thickness**
- **Cold zones at the front side and in the middle of the coupler**
- **Exposed heating coil for direct heat transmission to the pipe**
- **Small annular gap for build-up of optimum joining pressure in the fusion zone**
- **Contacts safe to touch**
- **Fusion indicator for visual fusion control**
- **Durable batch marking**
- **Individually packed for dirt protection**

For further information, please call our FRIALEN[®] customer service staff and specialist advisers.

Please find our datasheets for downloading on the internet at www.friatec.com