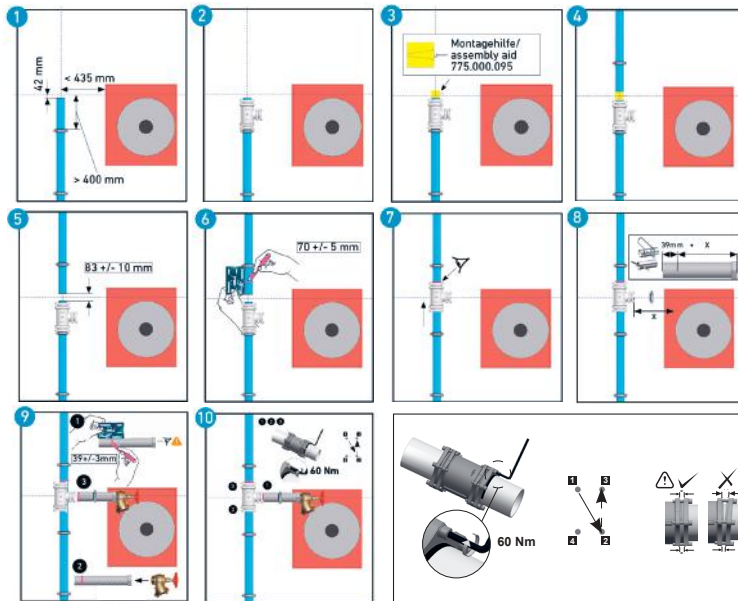


## PRIMOFIT HYCON - Installation

PRIMOFIT HYCON clamp connectors are designed with threaded nuts up to 11/2" and can be installed using a conventional pipe wrench. Starting from 2", PRIMOFIT HYCON is a quick and efficient mounting flange version. This makes assembly easier and saves time and money. The optionally available mounting aid 775.000.095 enables a quick and easy alignment of the extinguishing box connection and also ensures the correct tube-distances for the T-piece. PRIMOFIT HYCON is error-tolerant and can be pushed continuously onto the pipe, meaning that inaccuracies of up to +/- 10 mm per connection side can be compensated for - a total of +/- 20 mm for the T-piece.



## PRIMOFIT HYCON - compatible pipes

Please observe the applicable national guidelines!

Nominal diameter DN Clamp connector dimension	25	32	40	50	65	80	100
Steel pipe DA [mm]	33,7	42,4	48,3	60,3	76,1	88,9	114,3
Tolerance range [mm]	33,3-34,2	42,0-42,9	47,9-48,8	59,7-60,8	75,3-76,6	88,0-89,5	113,1-115,0
min. wall thickness [mm] EN 10255	3,2	3,2	3,2	3,6	3,6	4,0	4,5
min. wall thickness [mm] EN 10216-1 EN 10217-1	2,6	2,6	2,6	2,6	2,6	2,9	3,2

## PRIMOFIT HYCON - Benefits

- PRIMOFIT HYCON clamp connectors are pre-assembled ready for installation, no disassembly required during installation!
- Lowest assembly costs - no special tools required.
- Error-tolerant, compensates for dimensional deviations of up to +/- 10mm per connection side.
- No grooved pipes required - smooth pipe connectors -> simplifies pipe procurement and assembly.
- VdS certified for EN 10255 / EN 10216-1 / EN 10217-1 thin-walled pipes up to PN25. (Observe national regulations!)
- Union connection analogous to DIN 14461-5 integrated in the connection set -> All connections and seals are in accordance with standards and certified for PN 25!
- Up to 2/3 less parts and up to 63% time saving compared to the grooved extinguishing box connection -> less lugging, faster installation, high safety and reliability!
- Angulation +/- 3° per connection side possible during assembly.
- No leaks due to pressure shocks or draining.
- Highly efficient flame protection and tightness due to seal chambering.
- Maximum application safety thanks to efficient, powerful and proven PRIMOFIT clamping -> Large safety reserves against pressure and tensile load
- Electrically conductive for potential equalization.
- Manufactured in Austria from the highest quality whiteheart malleable cast iron and purest zinc. 100% made in Europe.
- Black version available on request.

The information and technical data contained herein (collectively "data") are not binding unless expressly confirmed in writing. The data do not constitute express, implied or warranted characteristics, guaranteed properties or guaranteed durability. All data are subject to change without notice. The general terms and conditions of sale of Georg Fischer Building Flow Solutions apply.

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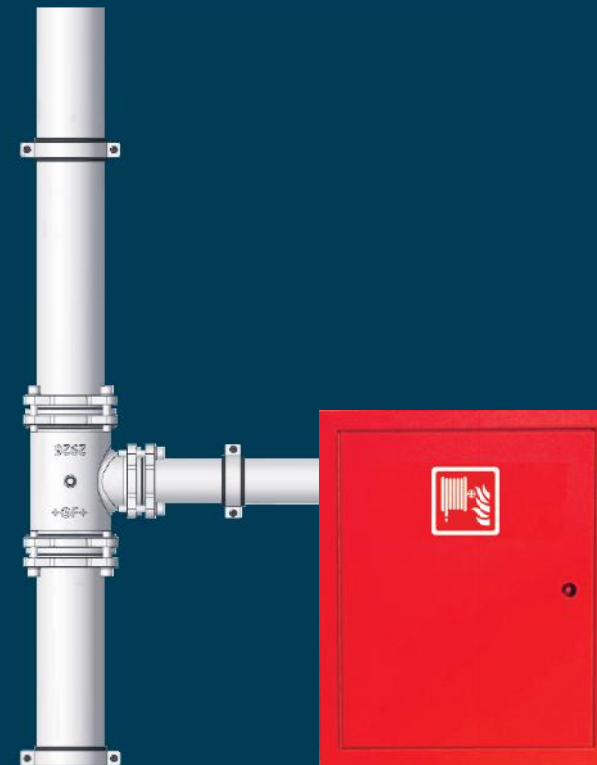
GF Building Flow Solutions



## PRIMOFIT HYCON

### More efficient, more sustainable extinguishing line & sprinkler construction

Quick to assemble, powerful and durable with PN25 VdS certification.



## PRIMOFIT HYCON - Application

PRIMOFIT HYCON is a **highly efficient, modern smooth pipe connection system for extinguishing lines and sprinkler systems**. The products are made of high-quality malleable iron and can be used up to **PN 25 together with EN 10255 pipes, as well as with thin-walled pipes according to EN 10220-R1 (EN 10216-1 / EN 10217-1)**. The system **does not require any pipe end treatment** and is an **alternative to grooved or pressed systems**.

### Limits of use

	Gasket	Medium	max. operating pressure [bar]	max. operating temperature [°C]	Surface / Material
steel pipe	● EPDM	extinguishing water	25	25	galvanised
		drinking water cold (< 25 °C)	25	25	galvanised



VdS certified for stationary water extinguishing and sprinkler systems according to VdS CEA 4001 for PN 25 (100 bar test pressure) and EN 10255 threaded pipes as well as thin-walled pipes according to EN 10220-R1 (EN10216-1 / EN 10217-1).



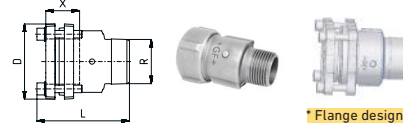
# Product range

## Female Adaptor



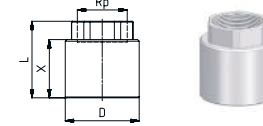
Dim. St [inch]	Dim. Rp [inch]	EPDM Code	GP	Weight [kg]	D [mm]	L [mm]	x [mm]
1	1	775 216 153	5	0,410	59	68	30 - 34
1 ¼	1 ¼	775 216 154	5	0,486	68	72	30 - 36
1 ½	1 ½	775 216 155	5	0,640	75	74	32 - 38
*2	2	775 216 156	5	2,039	100	101	36 - 42
*2 ½	2 ½	775 216 157	3	3,238	113	150	65 - 75
*3	3	775 216 158	2	3,688	125	161	65 - 75
*4	4	775 216 159	1	5,300	178	200	65 - 75

## Male Adaptor



Dim. St [inch]	Dim. R [inch]	EPDM Code	GP	Weight [kg]	D [mm]	L [mm]	x [mm]
1	1	775 206 153	5	0,430	59	90	30 - 34
1 ¼	1 ¼	775 206 154	5	0,560	68	94	30 - 36
1 ½	1 ½	775 206 155	5	0,644	75	94	32 - 38
*2	2	775 206 156	5	1,184	100	124	36 - 42
*2 ½	2 ½	775 206 157	3	3,298	113	184	65 - 75
*3	3	775 206 158	2	3,861	125	199	65 - 75
*4	4	775 206 159	1	5,500	178	212	65 - 75

## Transition



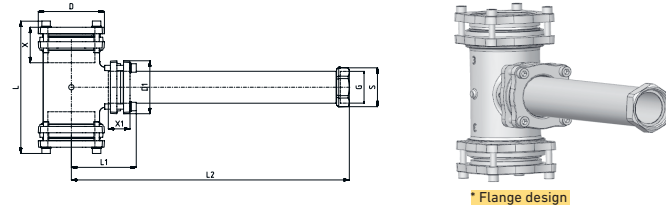
Dim. St [inch]	Dim. Rp [inch]	EPDM Code	GP	Weight [kg]	D [mm]	L [mm]	x [mm]
3	2	775 000 086	8	1,434	89	92	65 - 75

## 90° Elbow



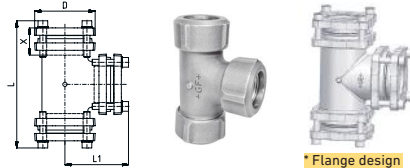
Dim. [inch]	EPDM Code	GP	Weight [kg]	D [mm]	L [mm]	x [mm]
1	775 406 153	5	0,668	59	60	30 - 34
1 ¼	775 406 154	5	0,840	68	60	30 - 36
1 ½	775 406 155	5	1,047	75	76	32 - 38
*2	775 406 156	5	3,238	100	106	36 - 42
*3	775 406 158	2	5,392	125	131	65 - 75

## Connection set



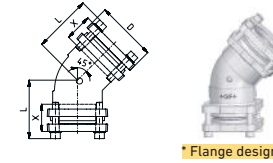
Dim. [inch]	Dim. G [inch]	EPDM Code	GP	Weight [kg]	D [mm]	D1 [mm]	L [mm]	L1 [mm]	L2 [mm]	S [mm]	x [mm]	x1 [mm]
*3	2	775 000 100	1	10,141	125	100	250	123	536	SW 67	65 - 75	36 - 42

## T - Equal



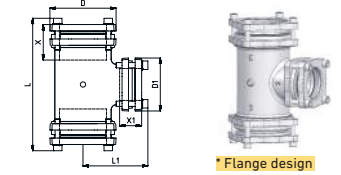
Dim. [inch]	EPDM Code	GP	Weight [kg]	D [mm]	L [mm]	L1 [mm]	x [mm]
1	775 306 153	5	1,200	59	121	61	30 - 34
1 ¼	775 306 154	5	1,505	68	130	65	30 - 36
1 ½	775 306 155	5	1,899	75	144	72	32 - 38
*2	775 306 156	3	4,907	100	211	106	36 - 42
*3	775 306 158	1	7,523	125	261	131	65 - 75

## 45° Elbow



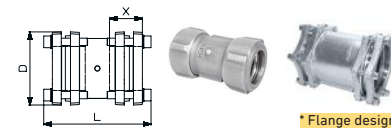
Dim. [inch]	EPDM Code	GP	Weight [kg]	D [mm]	L [mm]	x [mm]
*2	775 416 156	5	3,238	100	97	36 - 42

## T - Reduction



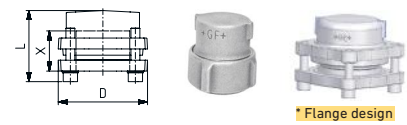
Dim. [inch]	EPDM Code	GP	Weight [kg]	D [mm]	D1 [mm]	L [mm]	L1 [mm]	x [mm]	x1 [mm]
*3x2	775 306 175	1	7,340	125	100	250	123	65 - 75	36 - 42

## Coupling, short



Dim. [inch]	EPDM Code	GP	Weight [kg]	D [mm]	L [mm]	x [mm]
1	775 106 153	5	0,563	59	96	30 - 34
1 ¼	775 106 154	5	0,688	68	96	30 - 36
1 ½	775 106 155	5	0,860	75	100	32 - 38
*2	775 106 156	5	3,298	100	148	36 - 42
*2 ½	775 106 157	2	4,868	113	208	65 - 75
*3	775 106 158	2	5,392	125	218	65 - 75
*4	775 106 159	1	6,600	178	216	65 - 75

## Cap



Dim. [inch]	EPDM Code	GP	Weight [kg]	D [mm]	L [mm]	x [mm]
1	775 456 153	5	0,296	59	53	30 - 34
1 ¼	775 456 154	5	0,345	68	54	30 - 36
1 ½	775 456 155	5	0,460	75	55	32 - 38
*2	775 456 156	10	1,824	100	80	36 - 42

GP ... Quantity per carton

