



# Gas Installations

engineering services

- Ball valve for gas with steel hand lever or T-handle
- Certifies as per ÖVGW- and DVGW-TRGI
- 10-year guarantee for HERZ PIPEFIX Systems



**HERZ Armaturen GmbH**

A-1230 Vienna · Richard-Strauss-Strasse 22

Tel./Fax: +43 (0) 1616 26 31-0/-227, [www.herz.eu](http://www.herz.eu)



# Gas Installations

The HERZ composite plastic aluminum pipe PE-RT has been designed for various applications and complex installation scenarios. It can be processed efficiently and shows high quality, safety and longevity. In addition, it is fully recyclable.

HERZ produces radial press fittings made of decincifying-resistant brass with stainless steel bushings based on patented designs developed in-house. The bushings are available in virtually all shapes and sizes and approved for the connection of composite plastic pipes for gas supply in buildings. Our experience is your safety, with a 10-year guarantee for HERZ-PIPEFIX Systems.

## Plastic pipes and press fittings for Gas Installations











For surface-mounted pipes within buildings, composite plastic aluminum pipes are more and more frequently used, the joints being accomplished with brass press fittings. The pipes delivered as rods or on reels are already marked in the standardized yellow. For press fittings all necessary brass fittings with natural gas-resistant sealing rings are available.

During processing, guidelines and safety regulations must be strictly adhered to.

Delivery as pipe bundle or pipe rods with differing aluminum thickness depending on pipe dimension.

Maximum operating temperature	95°C
Maximum operating pressure	10 bars
Incidence temperature, incidence pressure (short-term)	110°C, 15 bars
Internal surface roughness	0.007 mm
Heat conductivity	0.5 W/m x °K
Linear coefficient of expansion	0.024 mm/m °K
Color	yellow
Oxygen diffusion	< 0.005 mg/l d
Min. bending radius without tool	5 d
Min. bending radius with tool	3 d

## Valves for gas systems from the HERZ product range

Description	Dim.	PN	MOP	Order number
 <p><b>Ball valve with steel hand lever</b> brass body as per EN 12165, with O-ring seal for ball and spindle, threaded sleeve on both ends. Suitable for gas installations as per ÖVGW nominal pressure PN 1 (high temperature range 650°C / 30 min), operating temperature -20°C to +60°C</p> 	DN 8	1	5	1 2300 39
	DN 10			1 2300 20
	DN 15			1 2300 21
	DN 20			1 2300 22
	DN 25			1 2300 23
	DN 32			1 2300 24
	DN 40			1 2300 25
	DN 50			1 2300 26
 <p><b>Ball valve with steel hand lever</b> brass body as per EN 12165, with O-ring seal for ball and spindle, threaded sleeve on both ends. Suitable for gas installations as per DIN-DVGW G 260 nominal pressure PN 1 (high temperature range 650°C / 30 min), operating temperature -20°C to +60°C</p> 	DN 8	1	5	1 2300 09
	DN 10			1 2300 00
	DN 15			1 2300 01
	DN 20			1 2300 02
	DN 25			1 2300 03
	DN 32			1 2300 04
	DN 40			1 2300 05
	DN 50			1 2300 06
 <p><b>Ball valve with steel hand lever</b> brass body as per EN 12165, with O-ring seal for ball and spindle, threaded sleeve on both ends. Suitable for gas installations as per DIN-DVGW G 260 nominal pressure PN 1, operating temperature -20°C to +60°C, with thermal valve protection (TAS) resistant to 925°C / 60 min</p> 	DN 15	1	5	1 2302 01
	DN 20			1 2302 02
	DN 25			1 2302 03
 <p><b>Composite plastic aluminum pipe</b> on reels, 0.4 mm aluminum coating, natural gas tight and resistant to admissible impurities, pipe outer coating in yellow RAL 1201 operating temperature -20°C to +60°C, max. operating pressure 100 mbars</p> 	16 x 2,0	0,1		upon request
	20 x 2,0			
	26 x 3,0			
	32 x 3,0			
 <p><b>Brass press fittings for natural gas</b> Stainless steel sleeve, HNBR double O-ring, yellow Plastic ring for sleeve centering, yellow, operating temperature -20°C to +60°C, max. operating pressure 100 mbars</p> 	upon request			upon request

### HERZ Valves UK

Progress House, Moorfield Point  
Moorfield Road, Slyfield Industrial Estate  
Guildford, Surrey GU1 1RU  
Tel.: +44 (0)1483 502211, Fax: +44 (0)1483 502025  
E-Mail: sales@herzvalves.com  
www.herzvalves.com

### International Headquarter

**HERZ Armaturen GmbH**  
Richard-Strauss-Str. 22, A-1230 Vienna, Austria  
Tel.: +43 (0)1 616 26 31-0  
Fax: +43 (0)1 616 26 31-227  
E-Mail: office@herz.eu