

# G2

## VALVES FOR GAS APPLIANCES WITH FIREBAG® THERMAL SAFETY DEVICE

Data sheet  
MCTW007.00 - 05/2019



- G2 ball valves are EN331 DVGW certified, and are designed and built to ensure the utmost safety of gas appliances.
- They have FIREBAG® thermally activated safety devices and TECOBLOCK handles to protect against accidental opening.
- The range includes both straight and right-angle versions, in DN15-20-25 sizes.



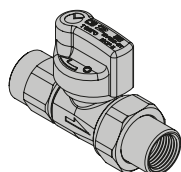
Material					
Body	Finish	Balls	Seats	Handle	FIREBAG®
Threaded version: Brass CW617	Chrome	Chrome plated	NBR 70	Push and Turn yellow Polyamide Handle	Thermo activated cartridge, valve inlet side
Press version with Press-Fitting: CW602	Press fitting version: sand blasted				

### TECHNICAL SPECIFICATIONS

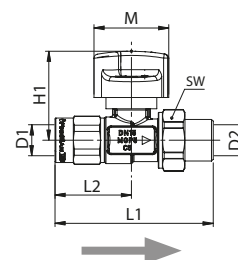
Reference standards	Working pressure	Temperature	High temperature resistance	Application
DIN EN 331 - DIN 3586 DIN DVGW G5614 - UE 2016/426 DVGW G 5614 (version UNIPRESS®)	MOP 5 (5 bar)	-20 °C +60 °C	HTB 650 °C for 30' (DIN EN331 C5)	For all types of gas as specified in EN 437 and DVGW G260/1 (Methane, Butane, Propane)

### VERSIONS AND CODES

Straight valve with FIREBAG®  
threaded / threaded fitting version



TECOBLOCK handle  
HTB 650 °C for 30' (DIN EN331 C5)



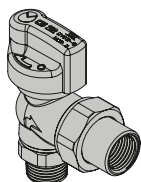
Code	DN	FIREBAG® TAE	Finish	D1	D2	M	L1	L2	H1	SW	Pack
G2T106C00	15	•	Chrome	Rp1/2"	Rp1/2"	45	95	46	54	34	15
G2T107C00	20	•	Chrome	Rp3/4"	Rp3/4"	45	109	54	57	41	10
G2T110C00	25	•	Chrome	Rp1"	Rp1"	45	135	68	59	48	5
G2T106B00	15	•	Yellow	Rp1/2"	Rp1/2"	45	95	46	54	34	15
G2T107B00	20	•	Yellow	Rp3/4"	Rp3/4"	45	109	54	57	41	10

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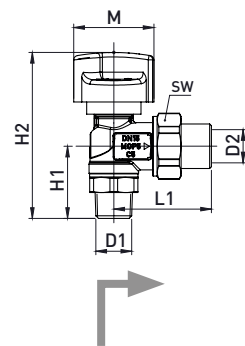
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90° valve with FIREBAG®  
threaded / threaded fitting version

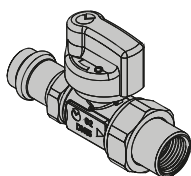


TECOBLOCK handle  
HTB 650 °C for 30' (DIN EN331 C5)

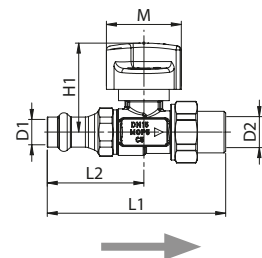


Code	DN	FIREBAG® TAE	Finish	D1	D2	M	H1	H2	L1	SW	Pack
G2T406C00	15	•	Chrome	R1/2"	Rp1/2"	45	40	93	53	34	15
G2T407C00	20	•	Chrome	R3/4"	Rp3/4"	45	43	96	55	41	10
G2T410C00	25	•	Chrome	R1"	Rp1"	45	50	108	80	48	5

Straight valve with FIREBAG®  
crimp / threaded fitting version

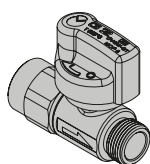


TECOBLOCK handle  
HTB 650 °C for 30' (DIN EN331 C1)

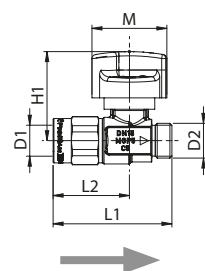


Code	DN	FIREBAG® TAE	Finish	D1	D2	M	L1	L2	H	SW	Pack
G2210PC100	15	•	Yellow	Ø15	Rp1/2"	45	58	107	54	34	10
G2210PC200	15	•	Yellow	Ø18	Rp1/2"	45	58	107	54	34	10
G2220PC100	20	•	Yellow	Ø22	Rp3/4"	45	63	118	57	41	10

Straight valve with FIREBAG®  
threaded version

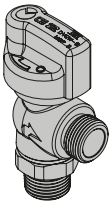


TECOBLOCK handle  
HTB 650 °C for 30' (DIN EN331 C5)

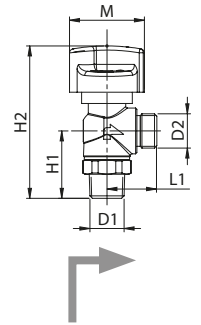


Code	DN	FIREBAG® TAE	Finish	D1	D2	M	L1	L2	H1	Pack
G2T100C00	15	•	Chrome	Rp1/2"	G1/2"	45	72	46	54	20

90° valve with FIREBAG®  
threaded version



TECOBLOCK handle  
HTB 650 °C for 30' (DIN EN331 C5)

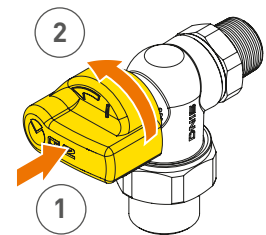
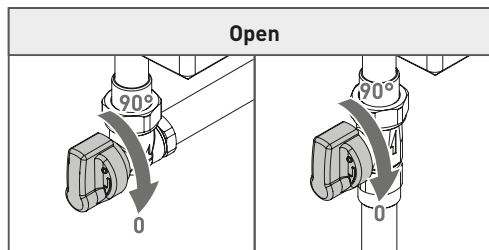
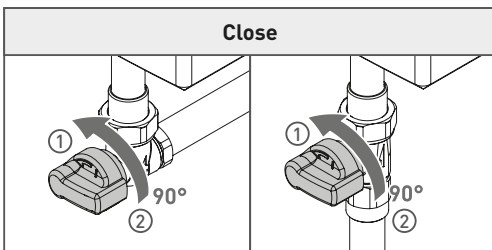


Code	DN	FIREBAG® TAE	Finish	D1	D2	M	H1	H2	L1	Pack
G2T400C00	15	•	Chrome	R1/2"	G1/2"	45	40	93	30	20

## FUNCTION AND INTEGRATED TECHNOLOGIES

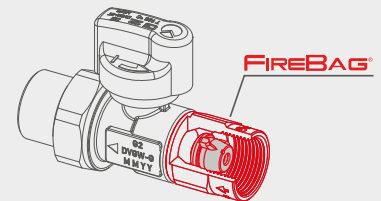
### TECO BLOCK HANDLE

TECOBLOCK system for locking the valve in the closed position. It can never be opened accidentally. The valve can only be opened after pressing the handle.



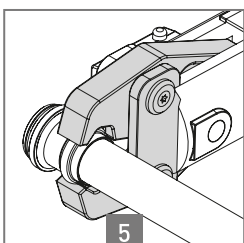
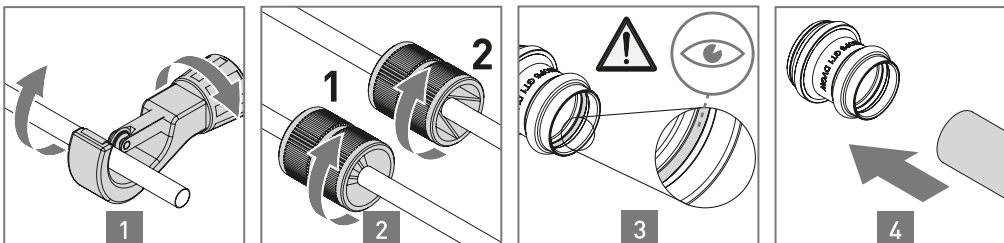
## FIREBAG® - TAE

The valves have a FIREBAG® thermal safety device built into the steel inlet fitting. This solution makes it possible to leave the valve dimensions unchanged. FIREBAG® is built in accordance with the **DIN 3586** standard and is built into **DN15-20-25** valves; it activates at a temperature of **100°C -5K** and can withstand up to **650°C for 30'** at a pressure of **5 bar**.



### PRESSFITTING CONNECTION UNIPRESS® RG FOR COPPER PIPES

Pressfitting connection for copper pipe according to **DVGW VP 614** and **UNI 11065**. Copper pipes acc. to **UNI1057 R290-250-220 Ø15x1-Ø18x1- Ø22x1mm - 28x1.5mm**.



The joint is suitable for pressing with **V** and **M** type crimping tools.

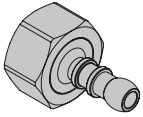
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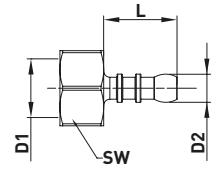


## FITTING

### Hose connection fitting



Accessory for hoses with threaded nut F 1/2" ISO 228 + seal



Code	D1 ISO 228-1	D2	Ø hose	L	SW	Pack
G4900C00	G1/2"	9	8	23	24	20
G4902C00	G1/2"	14	13	44	24	20

## ITEM SPECIFICATIONS

### G2: Valves for gas appliances with safety device FIREBAG® thermal safety device

Ball valves for appliances, certified in accordance with the EN 331 DVGW standard, with Push and Turn handle to prevent accidental opening. FIREBAG® thermal safety device (DIN 3586) built into the inlet with HTB resistance in the event of fire.

Straight or right-angle versions.

Pipe-side connections: threaded or UNIPRESS® direct press-fit connection; appliance-side: threaded shank with tapered seal (DIN 3436) or threaded connection for gas hose.

Working temperature -20°C + 60°C.

MOP 5.

High-temperature resistance HTB 650° for 30' (EN1775).

For all types of gas in accordance with EN 437 and DWG G260/1 (Methane, Propane and Butane).

