124-8000

press-fit lever ball valves
with nylon stem extension

WRAS APPROVED PRODUCT

altecnic

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Application

The Altecnic press-fit lever ball valves with press-fit ends are the ideal isolation valve, for use in copper pipe systems.

The valves offer all the benefits of heat free press fit installation, without the requirement for a hot work permit, saving time and money.

The nylon stem extension allows the valve to be completely insulated.

The Leak Before Press feature ensures any un-pressed joints are identified during the system pressure test.

Can be used in domestic, commercial and health care premised on cold and hot water services.

Design

Full bore design.

Anti blow out valve stem.

The extension with integral Tee handle is condensation proof with high thermal insulation

Hard chrome plated ball for increased wear resistance.

PTFE body seats for reliable isolation.

Supplied with 3 coloured caps for service identification.

Easy to install with just two joints to make.

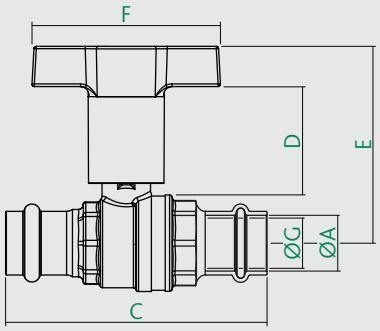
Suitable for use with R250 (half hard) copper tube in sizes DN15 to DN35 and R290 (hard) copper tube in sizes DN42 and DN54.

Construction Details

Component	Material	Grade
Body	Brass	BS EN 12165 CW617N
End connection	Brass	BS EN 12165 CW617N
Ball seat	PTFE	
Ball	Brass - chrome plated	BS EN 12164 CW617N
Stem	Brass	BS EN 12164 CW617N
Stem seal	PTFE	
Stem 'O' ring	HNBR rubber	
Extension & lever	Nylon	Polyamide PA6
Cap	Nylon	Polyamide PA6
Press end 'O' ring	EPDM	

Connection Size	Product Code
15 x 15	124-8026
22 x 22	124-8028
28 x 28	124-8029
35 x 35	124-8030
42 x 42	124-8031
54 x 54	124-8032

Dimensions



Connection	A	C	D	E	F	G*
15 x 15	15	93.5	38.8	70.2	66.6	15
22 x 22	22	104	43.2	78.3	75	20
28 x 28	28	110.5	43.2	82.6	75	25
35 x 35	35	123.5	63.2	110	120	32
42 x 42	42	158.5	63.2	115.5	120	40
54 x 54	54	179	63.2	123	120	50

* ØG is the minimum port diameter through the ball and exceeds the full bore diameter circle specified in BS EN 13547.

Pressing Profile

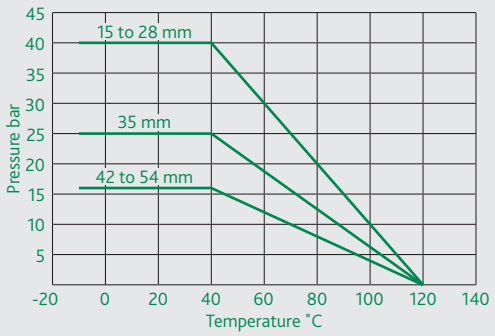
Copper Pipe BS EN 1057	R250	R250	R250	R250	R290	R290
	15 x 1 15 x 1.5	22 x 1 22 x 1.5	28 x 1 28 x 1.5	35 x1 35 x 1.5	- 42 x 1.5	- 54 x 1.5
Pressing Tool	V	V	V	V	V	V
	M	M	M	M	NO	NO

Technical Data

In accordance with BS EN 13547

PED directive classification Group 2 Liquids SEP

Pressure - Temperature Diagram



Colour Coded Caps for the Extension

The service can be identified by fitting the appropriate cap, red for hot, blue for cold or green other services.

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