

Press Fittings

Technical Information

Multilayer Pipe Information

The Blansol system of pipe consists of 5 layers making the pipe a multilayer composite pipe used in conjunction with press fittings for a fast & secure connection.

The Blansol system of multilayer pipe & press fittings can be used for drinking water and heating installations as the system is WRAS approved. The 5-layer system has all the benefits copper & plastics plumbing systems

Linear dilation	0,025 mm / m · K
Thermal conductivity	R=0,4 W / m · K
Maximum work temperature	95°C
Punctual maximum temperature	110°C
Maximum work pressure	10 bar to 95°C
Thickness	1,47 gr/cm ³
Permeability to the oxygen	0 mg/l*d



- Layer 1: PEX
- Layer 2: Adhesive
- Layer 3: Aluminium
- Layer 4: Adhesive
- Layer 5: PEX

Pipe Compatibility

Blansol systems are compatible with Multipipe, Multitubo, Uponor & Maincor press fittings.

Jaw Profile	Pipe Diameter						
	16	20	25	32	40	50	63
U	•	•	•		•	•	•
UP	•	•	•		•	•	•
RF	•	•	•	•			
H	•	•	•	•			
TH	•	•	•	•			

Installation Information

1. Cut the pipe to the desired length
2. Calibrate the pipe to remove any sharp edges & to create a chamfer on the inside of the pipe
3. Insert the fitting into the pipe pushing all the way in to the body of the fitting – making sure pipe is visible through the viewing hole
4. Open the press jaw & position around the fitting and press