

# Technical Bulletin

## Puraflow Solid Plumbers Wire

### DESCRIPTION

Solder Connection Puraflow Solder Wire is a high-quality capillary wire, designed specifically for soldering copper tubing and associated brass fittings within the plumbing and heating markets.

Puraflow wire is manufactured in two different alloys, the first for potable (drinking water) applications which is a Lead-Free Tin / Copper alloy 227-degree melt point is supplied on a green reel, which will meet all current legislation regarding domestic drinking water.

Regarding any other type of soldering then the more traditional Tin / Lead alloy may well be better suited. Both alloys offer excellent mechanical strength, good visual cosmetics post soldering together with conforming to the latest BS-EN29453 Quality specifications

### FEATURES & BENEFITS

- Lead free 99C Alloy for use on potable water supplies
- Leaded 30/70 wire for non-potable applications
- Manufactured to BS EN 29453
- Produces perfect joints
- Good Flow characteristics

### ALLOY AVAILABILITY

Grade	Melting or Solidus / Liquidus Temp °C	Diameters	Reel Size
99C	227 -228	3.25mm	250g / 500g
Sn30 Pb70	183 - 234	3mm	250g

### CLEANING

Solder Connection supplies Fluxite Soldering Paste, which is WRAS approved for potable applications (WRAS Approval number 2101511), when using this flux it is not mandatory to clean the residues post soldering but many engineers will give the completed solder joint a wipe around once cooled with a moist cloth to enhance the cosmetic appearance.

### HANDLING & STORAGE

Shelf life:	5 Years from DOM	< 85°F (< 29°C)
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### HEALTH & SAFETY

Use with adequate ventilation and proper personal protective equipment. Refer to the accompanying Safety Data Sheet for any specific emergency information. Do not dispose of any hazardous materials in non-approved containers.

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