

## ELSON LF Press Fittings Information

### Applications

ELSON LF Press Water Fittings are suitable for:

- Potable Water Installations
- Hot Water Installations
- Solar water installations(refer to table on page 7)
- Other media also possible (with consultation on application to Elson for approval)

### Leak Before Press

The precise design of ELSON LF Press fittings allows water or air to pass the sealing element of unpressed fittings, thereby providing a leakage point during the commissioning of the system, when tested using the defined processes below.

When the fitting is pressed, the O-ring material compresses, filling the gaps, creating a leak free joint.

Final testing of the system should be conducted in accordance with AS/NZS3500 and any other additional local regulations and/or requirements.

### Testing with Water

**IMPORTANT: Unpressed fittings are identified by pressurising the system slowly, ensuring that all air is removed from the pipework, with a pressure range of 100 kPa to 350 kPa. Inspect each joint for visual signs of leaking. After conformance, conduct pressure testing as per AS/NZS3500.**

### Testing with Air

**Important: Unpressed fittings are identified by pressurising the system slowly with air, increase the pressure to be between 50 kPa and 200 kPa. Inspect each joint with a leak check liquid material/spray for any visual signs of leakage. After conformance, conduct pressure testing as per AS/NZS3500.**



## Warranty

Elson as the manufacturer and wholesale supplier of quality plumbing products is passionate about quality, customer service and product support. Elson recognises the importance of providing the support, confidence and peace of mind for licenced installers to use ELSON LF Press fittings.

Accordingly, Elson will provide the same warranty on ELSON LF Press fittings as the copper tube used on the installation to a maximum of 25 years. Please note that if the warranty on the copper tube is 10 years then the ELSON LF Press fitting Warranty will also be 10 years. **Our warranty applies to fault or defect in the ELSON LF Press fittings only and does not cover fault arising from the external environment or caused by incorrect installation.**

In addition to this the warranty will only cover ELSON LF Press fittings installed by a Licenced Plumber or Gas Fitter in accordance with this TECHNICAL AND INSTALLATION GUIDE and AS/NZS 3500 for water and AS/NZS 5601 for Gas and any other local regulations and/or requirements. **The warranty only applies to installation with AS 1432 type A or type B conformant copper tube. All copper press tools MUST be kept fully functional and in proper working order as any leak resulting from incorrect pressing does not relate to and will therefore not be covered by this product warranty. Approved tooling and correct installation as outlined in this manual must be used.**

## Tooling Repair and Servicing

Elson repairs and services Novopress battery tools at our National Distribution Centre in Minchinbury NSW. Please contact your local ELSON Press stockist. You can also contact Elson National Distribution Centre or your regional sales manager for any repair or service enquiries.