



PARSON ADHESIVES, INC.

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SONLOK™ Copper Seal *WRc-NSF Approved for Drinking Water*

SONLOK Copper Seal is a fast curing, high strength anaerobic bonding agent for copper pipes and fittings.

SONLOK Copper Seal is highly resistance to heat, vibrations, water, gases, oils, hydrocarbons and many chemicals.

Applications:

- Solder-less bonding agent for copper pipes and fittings.
- Designed to be used on all rigid copper pipes, fittings, and connectors that carry water including drinking water.

Features:

- Copper Seal provides a cold weld between rigid copper pipe and copper fittings and connectors.
- It is very reliable and durable as a hot solder weld.
- Save 75% in installation and repair time
- Excellent weld strength 1,000 psi official rating
- WRc-NSF approved for drinking water

Physical Properties:

Composition:	Methacrylate Ester
Color:	Black/Red
Viscosity:	500 - 800 cps at 25 °C
Brookfield RVT	
Specific Gravity:	1.11
Maximum Gap Filling:	0.15 mm
Flash Point:	> 100 °C
Shelf Life:	1 year

Curing Properties:

Handling Cure Time:	4 - 8 minutes
Functional Cure Time:	30 – 40 minutes
Full Cure Time:	24 hours
Shear Strength:	15 - 20 N/mm ²
Temperature Range	-55 to 150 °C



Chemical Resistance:

Chemical	Temp.	% Initial Strength Retained	
		500 hours	1000 hours
Acetone	22 °C	100	95
Ethanol	22 °C	100	100
Motor Oil	125 °C	100	100
Gasoline	22 °C	100	100
Brake Fluid	22 °C	100	100
Water/Glycol	87 °C	85	85

Application Method:

Surfaces should be dry, clean, and free of any contamination. Copper Seal should be applied to the pipe or fittings in sufficient quantity to cover most of the bonding surface. Copper Seal performs the best in thin bond gaps.

Storage:

Anaerobic adhesives shall be ideally stored in a cool, dry place in unopened containers at a room temperature between 46 °F to 82 °F. Please do not return any unused material to its original container.

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the material.

Warranty: All products purchased from or supplied by Parson are subject to terms and conditions set out in the contract. Parson warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Parson is considered accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Parson makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.