

Antitarnish-A-100

Instruction Manual

Setting up of passivation solution

- Warm up **100ml**-bottle of **Antitarnish-A-100** to 45-50°C.
- Warm up 9.9 liters of deionised water to 45-50°C in a tank (i.e. polypropylene).
- Shake thoroughly warmed up bottle of Antitarnish-A-100 concentrate and pour out passivation concentrate in the tank of 9.9 liters deionised water.
- Stir this solution for 5 min and keep solution temperature at 45-50°C (optimum: 50°C).
- The passivation bath **Antitarnish-A-100** is now ready for use.

Passivation process

- Dip workpieces into the softly agitated passivation bath at 45-50°C.
- Take out workpieces after 5-7 min.
- Firstly rinse in cold (= room temperature) deionised water for 10-20 sec.
- Then rinse in 50 - 60°C warm deionised water for 1 min.
- Dry workpieces with hot air (max 60°C) or put workpieces in oven (max. 60°C).
- Now the workpieces are passivated and protected against tarnishing and oxidation processes.

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