

NEPTUNE® - S

Solder/Gas

For aluminum sheet or cast material, self-fluxing.

FEATURES

- Fills cracks and defects
- Easy and safe to use
- Good color match
- No flux required
- 32,000 psi
- Build-up worn areas
- Salvage castings
- No special preparation
- Fill holes
- Hardness 105 BHN

CHARACTERISTICS

NEPTUNE-S has been developed to join and repair aluminum castings, sheet metal and forging. It may be applied at low temperature and without the use of flux. Since **NEPTUNE-S** flows well below the melting point of aluminum, it is very easy to apply without fear of melting the base metal. **NEPTUNE-S** is ideal for sealing fine cracks, holes or building worn areas when deposits do not have to develop high strength.

APPLICATION

Clean joint thoroughly and roughen surface to improve bond. Heat area to be repaired until alloy adheres.

TECHNICAL

Temperature: 670°F (354°C) Use carburizing flame
Size: 1/8" (3.2 mm) No flux required

NEPTUNE® - SS

Orange Tip

For aluminum and aluminum to all other metals.

Solder/Torch

Iron or furnace

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FEATURES

- Good strength 7,500 psi
- Thin flowing
- Good color match
- May be preplaced
- Low Temperature
- Works with zinc die casting
- Seals cracks
- Easy to use

CHARACTERISTICS

NEPTUNE-SS is a very low temperature solder product, developed for easy joining of aluminum tubing, castings, sheets, etc. When used with **NEPTUNE SOLDER FLUX**, it will join aluminum to steel, copper, stainless, brass, etc. Since the melting point of **NEPTUNE-SS** is so low, there is no danger of melting the aluminum base metal. This cadmium alloy with its low melting point is ideal for use on white metal or zinc die castings.

APPLICATION

Clean joint thoroughly. Apply **NEPTUNE SOLDER FLUX**. If heating with an open flame, apply heat indirectly, avoiding contact with flux. Apply alloy when flux boils, avoid overheating.

TECHNICAL

Temperature: 320°F (180°C) Use with **NEPTUNE SOLDER FLUX**
Size: 1/8" (3.2 mm) **Remove flux with hot water.**