


Soudotec 6045 FC
SILVER ALLOY**DESCRIPTION**

Versatile coated **cadmium-free** rod with **high silver content** for brazing ferrous and non ferrous metals; steels, stainless steels, copper alloys and nickel alloys.

CHARACTERISTICS

- High capillarity
- Very good corrosion resistance
- Excellent electrical conductivity
- Flexible coating

TYPICAL APPLICATIONS

Polyvalent use in production and maintenance. Ideal for production assemblies. Excellent for tubes and fittings brazing in electrical industry and for household appliances, etc.

PROCEDURE

Clean the section to be brazed by removing grease and dirt. Heat rod tip to obtain a liquid flux. Melt the alloy in the joint through indirect heat. Cool slowly and remove flux residue by plunging into water. Use a carburizing flame.

MECHANICAL PROPERTIES

Tensile strength: 75 000 psi (515 MPa)

BRAZING PARAMETERS

Diameter: 1.6 mm (1/16") 2.5 mm (3/32)
 Bonding temperature: 650 - 680°C (1200 - 1260°F)
 Type of flame: Carburizing

0.5 kg tube and 6 rod kit available

Also available: Bare rods: **Soudotec 6045B**, coil: **Soudotec 6045C**, shim: **Soudotec Silvershim** and **Soudotec 6046S**. (Use with **Soudotec F060**). Also available in kit 1oz flux / 1oz silver: **Soudotec 6045CKF**.

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Specialized welding alloys and technology. For technical assistance or for ordering:



FSH WELDING Canada
 division de/of FSH WELDING GROUP

info@fsh-welding.ca
 www.fsh-welding.ca

2341, 46^e avenue
 Lachine (Mtl), Québec
 Canada H8T 3C9

Tél : 514.631.7670
 1.800.361.9097
 Fax : 514.636.3339