

ESF

SUPERSTRONG MULTI-PURPOSE, LOW TEMPERATURE SOLDER

- 5 times stronger than normal soft solders (14,5 kg/mm²)
- Bonds all types of metals, even aluminium
- Excellent on stainless steel
- Very low bonding temperature - Prevents deforming of base material
- Non-toxic - contains no lead, cadmium, antimony or copper
- 50% harder than normal solders
- Easy to handle - does not drop
- 25% better electrical conductivity than normal soft solders
- Resists vibrations
- Easysolder Flux is only required for aluminium and light alloys



Notice

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Tech-Masters is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Tech-Masters products provide, relates only to the standard conditions of sale of this product. In no case Tech-Masters can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

EASYSOLDER FLUX

General Information

EASYSOLDER FLUX is a liquid that connects solder aluminium with supersolder at low temperature. Due to

its low melting temperature, EASYSOLDER FLUX is easy to use, and it will not deform the base material.

Technical Information

Aggregate State: Liquid
Based on: Ammoniumfluoroborat,
Aminoethylethanolamin, Zinc, Zinc oxid
Colour: amber
Odour: odourless

pH: 10,5
Density: 1,3 g/cm³
Shelf life: min. 6 months in the original container and storage temperature of 5 - 30°C

Application and Use

- Warm up the piece of aluminium evenly with a welding torch or a hot air gun. Make sure that the piece stays at temperature, either by insulating it maximally between the jaws of a bench-vise, or by placing it on fireproof bricks. Larger pieces have to be insulated by means of a heat-proof paste.
- When sufficient temperature has been obtained, the flux can be applied on the surface of the build-up or ajoint to be made. The flux will start boiling and will flow at that moment.
- Keep on warming up the piece evenly and avoid direct contact between the source of heat and the flux.
- Dip the Easy Solder wire in the flux and bring it in contact with the piece of aluminium or the joint. Always avoid direct contact with the source of heat. When the required temperature has been obtained, the Easy Solder wire will melt and adhere to the piece of aluminium with excellent cappillarity. When necessary, add some extra flux from time to time.
- When the repair, the build-up or the joint is ready, let the piece cool off for about 30 seconds without moving it, so that the Easy Solder wire can solidify.
- Rinse the piece with water and remove all remainders of the flux with a metal brush.

Article nr	Name	Content	Shelf Life	Catalog
T373100	Easysolder Flux	100ml	see imprint + 12 months	ELECTRICAL CONNECTIONS

