

Sticks & Blowpipes



- Continuous or manual casting
- Guaranteed titres
- Use with flux
- Top grade metals

RODS AND BLOWPIPES

Métaconcept blowpipe bars and rods are produced with top grade metals. Their profile makes them particularly well-suited to plumbing, tinsplate work, zincwork, roofing and automotive bodywork applications. They are also suitable for industrial use in joining a range of metals including copper, brass, tinsplate and zinc. A new, very thin, form of the product can be used to solder small parts, such as found on car radiators.

Code	Description	Solid	Liquid	Packaging	
28975	Sticks Sn28 Pb72	183° C	253° C	25kg bundles	
28985	Sticks Sn30 Pb70	183° C	250° C	25kg bundles	
28498	Sticks Sn33 Pb67	183° C	243° C	25kg bundles	
28931	Sticks Sn40 Pb60	183° C	235° C	25kg bundles	
28977	Sticks Sn50 Pb50	183° C	210° C	25kg bundles	
28980	Sticks Sn60 Pb40	183° C	190° C	25kg bundles	
28964	Sticks Pure tin	232° C		25kg bundles	
28962	Sticks Otaline	130° C	135° C	25kg bundles	
28982	Casted blowpipes Sn30 Pb70	183° C	250° C	25kg bundles	
20514	Ultrathin casted blowpipes: Sn30 Pb70	<i>New</i>	183° C	250° C	25 kg boxes
20519	Ultrathin casted blowpipes Sn60 Pb40	<i>New</i>	183° C	190° C	25 kg boxes
40870	Drawn blowpipes Sn60 Pb40	183° C	190° C	25kg bundles	

Métaconcept operates a recovery service for white metal oxides, spent baths, off-cuts and scrap. Feel free to contact us for terms and conditions (cf. our "Recycling" information sheet).

BLOWPIPES AND STICKS FLUX

Métaconcept has selected a complete range of fluxes that are particularly suited to soldering work using our blowpipe, rod and wire solders (cf. our "Chemical products" and "Solid wires and fluxes" information sheets).

Code	Description	Packaging
31855	PC1 flux — 250 ml bottle- use with Sn 28,30,33 & 40 rod	Boxes of 24 units
700960	ZN11 flux — 1 litre bottle - use with Sn 28,30,33 & 40 rod	Boxes of 20 units
11278	Aluflux flux — 150 g tub - use with Otaline rod	Boxes of 10 units
Méta 2002	Méta 2002 flux - use with Sn30 blowpipes	25 l drums
Décacline	Radiator descaling agent, used in a bath: 20 min. diluted, 10 min. neat	25 l drums
24544	Powerflow cream - 100 g tub - use with Sn60 blowpipes	Boxes of 20 tubs

CHARACTERISTICS

Casted sticks

Semi-circular. Dimensions: 10 x 5 x 400 mm approx.

Weight: 170 grams approx.

Casted blowpipes Sn30

Diameter: 5 mm approx. Length: 450 mm approx.

Weight: 130 grams approx.

Ultrathin casted blowpipes Sn30 - Sn60

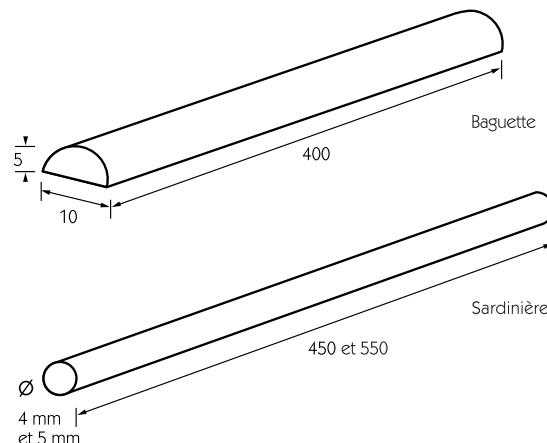
Diameter: 4 mm approx. Length: 550 mm approx.

Weight: 86 grams approx.

Drawn blowpipes Sn60

Ø4 mm wire, cut to approx. 450 mm lengths

Weight: 110 grams approx.



Stated dimensions are for guidance only, and may vary between batches.

TYPICAL APPLICATIONS

Sn28 and Sn30 sticks:

Plumbing, tinsplate work, tinning baths

Sn33 sticks:

Zincwork, roofing, tinsplate work.

Automotive bodywork.

Sn40 sticks:

Zincwork, heating systems.

Sn50 and Sn60 sticks:

Tinning bath creation and top-up.

Assembly of metal parts.

Pure tin sticks:

Surface treatments, including saucepan tinning.

Copperware.

Otaline sticks: Sn/Pb/Zn

Use with aluminium and aluminium alloys.

Important! Special ALUFLUX flux required

Sn30 blowpipes (standard and ultrathin):

Repairs to car radiators.

Use with Méta 2002 flux.

Sn60 blowpipes:

Manufacture and restoration of leaded windows.

Assembly of lead sections.

Use with Powerflow gel or PC1 flux

INSTRUCTIONS FOR USE

When melting the metal after a break in production, create a vortex to homogenise the alloy.

Remove the oxide film from the surface of the bath using T010 powder (cf. "Chemical products" information sheet).

SAFETY PRECAUTIONS

In order to prevent molten metal causing burns, it is advisable to wear a protective apron, shoes, gloves and goggles.

Do not smoke at the workstation.

Ensure that the workstation is well ventilated.

NOTES

Always use a suitable flux.

Contact our technical support department for information on the most appropriate product for your application.



All the information in this document is provided for guidance only and Métaconcept declines all liability in respect thereto.