



PRODUCTS COMPLIANT WITH THE RESTRICTION OF HAZARDOUS SUBSTANCES DIRECTIVE (RoHS)



Certification of the Technical Association of the Gas Industry in France (ATG)

Filler alloys and brazing fluxes used for bonding natural gas and propane piping require the approval of the French Gas Association (AFG). Products that meet these criteria are identified by the above symbol.

# SELECTARC BRAZING

## PHOSBRAZ M73

COPPER PHOSPHOROUS BRAZING ALLOY

Size	Standard Package	Standard Length	List Price	Discount
3.2mm x 1.2mm	5kg	500mm		

### Characteristics

PHOSBRAZ M73 Alloy with a higher fluidity, specially made for strong brazing of fitting, pipes and Fit up, with average joint gaps. It's Phosphorus alloy with self-fluxing properties. The corrosion resistance this alloy is comparable to that of copper excepts when the joint is exposed to sulphur containing gas or at elevated temperatures as in a cooking range. Under these conditions, it is expected that, this alloy will undergo progressive deterioration as other copper phosphorus alloy with Silver or without silver.

### Applications

PHOSBRAZ M73 joining copper to copper it is act as self-fluxing alloy and does not required additional flux. It can be used on cuprous alloys (bronze, brass) with Phosbraz flux, electrical industry and Plumbing trade. This brazing alloy is not recommended to be used for the media having sulphur. Also it is not allowed to use for joining steels (Fe) or materials containing Iron(Fe), Nickel (Ni), Cobalt (Co) as it will form brittle phase in the joint. In Air conditioning and refrigeration application, PHOSBRAZ M73 can be used for the service temperature between +150°C (without loss in strength) upto -20°C. This alloy can be used for flame... Maximum short service joint operating temperature 200°C.

## PHOSBRAZ AG20

CuP-Ag 2% Manual brazing

Diameter	Standard Package	Standard Length	List Price	Discount
1.5mm	5kg	500mm		
2.0mm	5kg	500mm		
2.5mm	5kg	500mm		

### Characteristics

PHOSBRAZ AG20 is CuP alloy with Silver, which lowers the liquidus point, refines the alloy, improving electrical conductivity and increasing ductility. Also increase its resistance to vibration and cyclic pressure Polyvalent alloy suitable for copper brazing, without need of using a flux, Good fluidity when brazing sleeves/tubes and copper connections, machine junctions, and so forth, which produce strong leak proof joints. This alloy has good gap filling properties and is well suited to bridge wide gaps. Its low melting temperature gives very good resistance.

This brazing alloy is not recommended to be used for the media having sulphur. Also it is not allowed to use for joining steels (Fe) or materials containing Iron (Fe), Nickel ( Ni), Cobalt (Co) as it will form brittle phase in the joint. The corrosion resistance of this alloy is comparable to that of copper excepts, when the joint is exposed to sulphur containing gas or at elevated temperatures. Under these conditions, it is expected that, this alloy will undergo progressive deterioration as other copper phosphorus alloy with Silver or without Silver.

### Applications

PHOSBRAZ AG20 It is mainly used in Plumbing, Electrical components, Refrigeration and Heating/Ventilation. An economical alloy used in joining copper to copper. It can also use to join copper to low zinc brasses with Phosbraz flux. In Air conditioning and refrigeration application, PHOSBRAZ AG20 can be used for the service temperature between +150 °C (without loss in strength) to -20°C. This alloy can be used with flame.



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