



Superior Aluminum Brazing Paste

XuperBraze[®]

190PA

- Ready-to-use paste with optimum flux to filler ratio
- Exceptional wetting properties and complete joint coverage
- Designed for manual or automated processes

XuperBraze® 190PA

Eutectic 190AL is a premium aluminum brazing paste for manual use or automated processes. Eutectic 190 is used to braze most aluminum and aluminum alloys and dissimilar joining of aluminum to stainless steel.

TECHNICAL DATA

Typical Values

Tensile Strength:	34,000 psi (234 N/mm ²)
Electrical Conductivity:	42 IAC%
Solidus Temperature ¹ :	1070°F (576°C)
Liquidus Temperature ² :	1080°F (582°C)
Maximum Brazing Temp.:	1120°F (605°C)
Heating Methods:	Oxy-fuel
Service Temperature:	Constant: 300°F (150°C) Intermittent: 390°F (200°C)

PROCEDURE FOR USE

PREPARATION: Thoroughly clean both surfaces to be joined with an abrasive pad and VOC-free solvent to break up surface oxides and remove residues. Fit pieces together, or in a jig, to maintain the gap and assembly dimensions required. Mix paste until smooth and consistent in texture. With clean brush or spatula apply paste to the joint. For best results stir before each application.

TECHNIQUE: Heat parts indirectly with a constantly moving flame to promote uniform flow and minimal shock.

POST-BRAZING: DO NOT move piece or remove assembly jig until the filler solidifies. Remove flux residues with warm water and brush.

PACKAGING

Size: 2.2# (1KG)

Part No.: 190XPA-1K

TYPICAL APPLICATIONS

APPLICATIONS

- Pipes
- Ducts
- Ventilation and Air Conditioning
- Heat Exchangers and Radiators
- Fabrication of Frames and Chassis
- Electrical Appliances
- Heating Systems
- Bus Bars

INDUSTRY

- Automotive
- Aviation
- Air Conditioning
- Aluminum Fabrication
- Household Appliances
- Electrical Engineering
- Mechanical Engineering



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