

AMTEC PROTECTA HEAT RESISTANT COMPOUND
ASBESTOS FREE INSULATING AND POSITIONING

General Characteristics

Amtec Protecta is a dual purpose, heat resistant material for insulating and positioning parts for welding. It can protect against heat, up to 3000°F and can be used as a jiggling fixture to help position parts that are being welded or brazed. Protecta maintains its shape when heated, and when it dries out from excessive heat, you can reconstitute it with water. The dough like consistency makes it easy to mold around intricate parts and it will adhere to most surfaces. It will not distort or shrink when heated.

Procedure

Remove Protecta from the container and apply it to any surface that you do not want to be affected by heat from welding or brazing. Place generous amounts around pipes, and around areas where metal to be heated would come in contact with plastic, wood or any other material that would burn or melt. After the job is done, place the Protecta back in the container. It can be used over and over again. If it loses its moisture content, add water to bring it back to its original consistency.

Application

Can be used as a heat sink to absorb heat and avoid surface discoloration on heat sensitive parts. It can be used as a heat dam to prevent heat from traveling to areas that can be damaged by heat, such as O-rings, packing glands, glass and paint. Protecta is ideal to hold or position difficult to align parts, prior to welding or brazing, and will keep distortion down when welding on light gauge metals such as stainless steel. If an area to be heated is moisture sensitive, place some plastic wrap on the part and then place a generous amount of Protecta over the plastic wrap.

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