

GAZ-CS01 Epoxy Putty Stick (Steel)



Product Description:

GAZ-CS01 is a non-rusting steel reinforced epoxy putty used to provide fast, permanent repairs to items made of ferrous metal. It will repair holes, cracks and threads in casting, pipes and tools, and can be used to hold fixtures and signs, to make models and prototypes, to form nuts in situ and to lock threads.

GAZ-CS01 is hand kneadable epoxy putty supplied as a two-part concentric stick of contrasting colors; when mixed it sets

Applications / Features:

Directions for use

1. In order to achieve optimum adhesion, surfaces should be cleaned free of grease, dirt, paint etc. and should be dry. To ensure a good bond, abrade both surfaces followed by additional cleaning.
2. Twist or cut off the required amount of **GAZ-CS01**.
3. If the material is cold mixing may be difficult, and warming to room temperature is advised.
4. To mix, knead the putty with the fingers for at least one minute or until it is uniform dark grey color.
5. Press the putty onto the prepared surface within 2 minutes of mixing.
- 6.1 If it is being used as an adhesive, force some putty against each of the two surfaces to be joined, before pressing the faces together to a hard, dark grey material which can be drilled, tapped, machined or filed as required, and support the joint as necessary.
- 6.2 If it is being used as a filler / repair material force the putty into the area to be filled, and shape and strike off any excess with a tool wetted with clean water.
7. For a smooth appearance rub with water or a damp cloth within the working life of the putty.
8. After 5-10 minutes the putty will harden like metal, and start to form a tenacious bond. After 60 minutes the material is sufficiently cured to be drilled, filed or otherwise worked, and it will achieve full cure after 24 hours.

Typical Properties:

WORKING LIFE	3 MINUTES AT 20°C
SHORE D HARDNESS	80
LAP SHEAR STRENGTH ON STEEL	6.2MN / M2
TEMPERATURE LIMITATIONS	120°C CONTINUOUS 150°C INTERMITTENT
ELECTRICAL RESISTANCE	30,000 MEGOHMS
DIELECTRIC STRENGTH	100 VOLTS / MIL
COMPRESSIVE STRENGTH	80 MN/M2
CHEMICAL RESISTANCE	RESISTANT TO HYDROCARBONS, KETONES, ALCOHOLS, ESTERS, HALOCARBONS, AQUEOUS SALT SOLUTIONS AND DILUTE ACIDS AND BASES.