

COPPER-PURPOSE EPOXY PUTTY STICKS



- **PRODUCE NAME :**
Copper-Purpose epoxy putty sticks
- **PRODUCT CODE :**
902-4

Two components adhesive for all purpose fixing and repairing. This copper epoxy putty is a hand-kneadable, fast-setting copper-reinforced polymer compound for permanent repairs to copper, brass, bronze and other non-ferrous metals.

APPLICATION

- ✓ Form knobs, pulls and missing parts.
- ✓ Attach fixtures, machine tags and signs.
- ✓ Patch leaks and fill cracks.
- ✓ Repair loose or cracked wall or floor tiles.
- ✓ Fix broken pottery and ceramics.
- ✓ Form custom gaskets.
- ✓ Bond loose auto trim and repair small dents.
- ✓ Fill rust holes.
- ✓ Thread-lock compound for pipes and fasteners.
- ✓ Seal leaks in gutters and downspouts.
- ✓ Anchor bolts, rods, machines, housings, etc.
- ✓ Patch chipped concrete, floors, bricks and blocks.

FEATURE

- ✓ No tools required for use.
- ✓ Resist to heat, oil and solvents.
- ✓ One hour after application can be drilled, sawed, sanded, filed, tapped, machined or painted.
- ✓ Low odor.
- ✓ No sticky with finger during kneading
- ✓ Suitable for use in contact with drinking water (previously certified by NSF Standard 61).

TECHNICAL DATA SHEET

EPOXY PUTTY STICKS



TEST REPORT



Test Item	Test Method	Test Result
Shear Strength (kgf/cm ²)	Refer to ASTM D1002-10	27.7
Compressive Yield Strength (kgf/cm ²)	ASTM D695-10	549
Hardness (Type D/1 sec)	ASTM D2240-05 (2010)	84
Gel Time (min)	Refer to ASTM D2471-99	20

*** For information only - not for specification purposes. ***

PRODUCT DATA

Copper-Purpose epoxy putty sticks	
Part A	Brown
Part B	Beige
Mixed color	Brown, Nearly copper

STORAGE CONDITION & SHELF-LIFE

- 24 months from date of production if stored properly in original unopened, sealed and undamaged packaging in cool and dry conditions at temperatures between +5°C and +25°C.
- Protect from direct sunlight.

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PACKAGE

Size	Length (CM)	Item Code	Box Q'ty (with tube)	Case Q'ty	Box Q'ty (with blister card)	Case Q'ty
9g x 2	1.5	902-4-1.5	Special package for customization			
16g	2.5	902-4-2.5	48	288	12	144
50g	8	902-4-8	24	144	12	144
57g	9	902-4-9	24	144	12	144
114g	18	902-4-18	12	96	12	96

o is the product code for different type
0-Multi / 1-Aqua / 2-Steel / 3-Wood / 4-Copper / 5-Stone / 6-Aluminum / 7- Titanium

Pallet Package

12 pcs per box, and 12 boxes per carton (with blister card)

Pallet: at least 27 cartons with 3888 pcs

TECHNICAL DATA

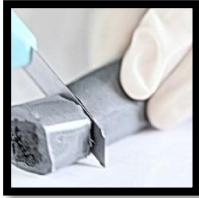
Application Properties	Results	Test Method
Work Life, minutes	3-6	-
Shelf Stability @75°F months (minimum)	24	-
Hardness, Shore D (full cure, 24 hours)	75-85	ASTM D-2240
Lap Shear Tensile Strength On steel (1" x 1" x 1/16"), lbs (full cure, 24 hours)	800-1000	ASTM D-1002
Compressive Strength, lbs/in ²	6650 - 12,000	ASTM D-695
Shrinkage, %	< 1	ASTM D-2566
Non-Volatile Content, %	100	-
Electrical Resistance, megohms	30,000	ASTM D-257
Dielectric Strength, volts/mil	300	ASTM D-149
Temperature Limitations, °F		
Continuous	250	-
Intermittent	300	-

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APPLICATION INSTRUCTIONS



Step1:
Cut off required amount.



Step2:
Mix to uniform color
with gloved fingers.



Step3:
Apply to repair surface
within 5 minutes.

HEALTH AND SAFETY INFORMATION

- For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

FINAL EDITING DATE : 2024/07/03