



# HYPOXY STEEL FAST STICK RAPID CURE STEEL PUTTY STICK

**PRODUCT:** H- 159, 4 Oz/ 114 gms Pack.

**DESCRIPTION:** STEELFAST STICK is a kneadable, steel-reinforced, epoxy putty adhesive sealant that mixes in just one minute to provide fast repairs to items made of ferrous and aluminum metals. The epoxy formulation is filled with carefully selected pure steel Fillers, modified curing agents, and special high quality additives to provide maximum strength, durability, and ease of application. Easily machineable with standard metalworking tools.

## APPLICATIONS:

HYPOXY STEEL FAST STICK molds like clay and universally used for repairing pipes, tanks, valves, pumps, engine blocks, water jackets, radiators, etc.

A permanent, non-shrinking metallic filler for blow holes in castings. Widely used for fast, inexpensive, but accurate drill jigs and placement fixtures. Hardens to a gray metallic mass in 4 minutes time and adheres soundly to almost every material including vertical surfaces.

HYPOXY STEEL FAST STICK also adheres & bond on oily surfaces as well which makes it most suitable to arrest online oil leakages from Transformers, Gear Boxes, Flange Joints etc.

STEEL FAST STICK is unaffected by water, oil and gasoline and widely used by professional tradesman worldwide.

STEEL FAST STICK cured deposit can be machined, sanded, drilled and tapped which makes it a popular choice for automotive, plumbing and HVAC repairs.

## PHYSICAL PROPERTIES:

Color -	Dark Grey
Pot Life 1 lb. @ 24°C (75°F) -	3.5 to 5 minutes
Mixed Viscosity -	350,000 cps
Cure Shrinkage -	0.0005 in/in
Temperature Resistance -	250°F (120°C) Continuous
Hardness (Shore, ASTM D 1706) -	75 to 85D
Compression Strength (ASTM D 895)	12,000 psi Tensile
Adhesive Tensile Shear (ASTM D 1002) -	800 - 1000 psi
Dielectric Strength ( D 149) -	300 Volts / mil

## CHEMICAL RESISTANCE:

Hydrochloric Acid 10% -	Very Good
Hydrochloric Acid 50% -	Good
Sulfuric Acid 10% -	Very Good
Sulfuric Acid 50% -	Good
Water -	Very Good
Ammonia -	Very Good
Sodium Hydroxide 10%-	Very Good
Gasoline, Oil, Kerosene-	Very Good
Mineral Spirits -	Very Good
Toluene -	Good
Methanol -	Fair
MEK -	Fair
Propylene Glycol -	Very Good

