



Applying Steel Seal Flange or Injectable Sealant

Steel seal can be applied with a spatula, putty knife or injection gun to seal a flange, valve or gasket materials.

Steel seal is a dense, highly filled sealant which offers a unique combination of properties. It has excellent resistance to heat and chemical degradation, high mechanical strength and pressure resistance, and a "damming" action which enables it to build up in a leak and plug it.

Physical Properties

Dense gray paste with steel fibers

Density

S.G. = 1.21

Chemical Resistance (when cured)

Highly resistant to most acids, bases, solvents and steam

Storage

Below 80°F

Packaging

Quarts, gallons, 5 gallons.

Shelf Life

Six months

Description

Repairs damaged joints, stops high-pressure leaks.

Cured State

Rubbery to leather

Temperature Rating

950°F and above

Pressure Rating

750 psi

Surface Condition

Smooth to rough

Injectable

Yes

Tools

Injection gun, spatula

Cure Times

60 minutes at 400°F

4-6 hours at 225°F

Compressibility

.002/inch, Max. gap (.020)