



SPECIFICATION SHEET

CAL BRONZE[®]

All-Purpose Compound for Rotary Shouldered Connections, Casing and Tubing

COLOR	Copper - black
PENETRATION	300 - 320 (ASTM D 217)
WEIGHT/GALLON	11.7 pounds/gallon
DROPPING POINT	350°F/177°C (typ)
FLASH POINT	385°F/196°C (min)
BRUSHABLE TO	10°F/-12°C
SERVICE RATING	500°F/260°C
TORQUE FACTOR	1.0 (per API RP 7A1)* 1.1 (relative to API Modified) [†]
CONTAINS	Lead, copper, zinc, graphite and other nonmetallic additives

Bestolife Cal Bronze[®] is an economical all purpose drill pipe and drill collar compound developed for hot, rugged, corrosive drilling conditions. Finely powdered lead, copper, zinc and special non-metallic additives absorb stresses and enhance high temperature properties. Contains H₂S and corrosion inhibitors.

RECOMMENDED FOR drill collars in light to medium duty drilling, drill pipe, and for casing and tubing connections requiring a high temperature / high pressure thread compound.

*API RP 7A1: "Recommended Practice for Testing of Thread Compound for Rotary Shouldered Connections"

NOTE: Due to operation and equipment variables, this value may require adjustment based on field experience.

[†]The proper field torque for all API casing and tubing connections should be determined by following the procedures outlined in API RP 5C1: "Recommended Practice for Care and Use of Casing and Tubing".

**A MATERIAL SAFETY DATA SHEET IS AVAILABLE FROM THE MANUFACTURER.
DO NOT USE ON OXYGEN LINES OR IN OXYGEN ENRICHED ATMOSPHERES.**