

PLUSCO

Product Data Sheet

PLUSCO 110 **Lead Free Thread Compound**

PLUSCO 110 Lead Free Thread Compound has been designed to replace conventional API Compounds which contain over 30% metallic lead powder. **PLUSCO 110** is recommended for use on oilfield tubing, casing, and line pipe and may be used for hydrostatic testing, storage, or as a running compound.

PLUSCO 110 Lead Free Thread Compound meets or exceeds the objectives for a thread compound as stated in API Bulletin 5A3.

API OBJECTIVES

PLUSCO 110

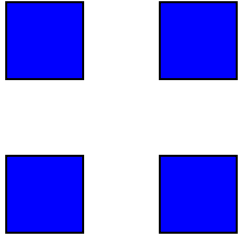
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|---|-----------------|
| 1. Adequate lubricating qualities to prevent galling in thread connections during make-up. | Passes |
| 2. No tendency to disintegrate nor undergo radical change in volume at temperatures up to 300°F. | Exceeds 350°F |
| 3. No tendency to become excessively fluid at temperatures as high as 300°F. | Passes |
| 4. Sealing properties sufficient to prevent leakage at temperatures as high as 300°F. | Passes |
| 5. Absence of any deleterious instability and of any drier or hardener that will evaporate or oxidize, thereby changing the thread compound properties. | None Present |
| 6. Resistant to water absorption. | Water Resistant |
| 7. Readily applicable by brush to pipe joints in cold weather. | Passes |
| 8. Sufficient inert filler to prevent leakage of API round-thread casing and tubing joints under pressure as high as 10,000 psi. | Passes |

INGREDIENTS

Powdered Graphite, Zinc Dust, Copper Flake & Premium Grease Base with Corrosion Inhibitors, Bonding Agent, Adhesive and Conditioning Agents

PLUSCO, Inc., P.O. Box 7953, Houston, Texas 77270

Warranty: Because the conditions of use and the supervision of application are beyond the control of Plusco, Inc., we assume no liability for any product failure or other damage beyond the purchase price of the material furnished by us. No agent or representative or employee of this company is authorized to change this provision which relates to all goods delivered whether sold or delivered as samples or otherwise.



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Typical Specifications

Color	Black
Texture	Smooth
Worked Penetration	320
Dropping Point	375°F
Friction Factor	1
Evaporation	< 2.0
Oil Separation	< 5.0
Gas Evolution	< 20
Water Leaching	< 5.0
Brush ability	Pass

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