

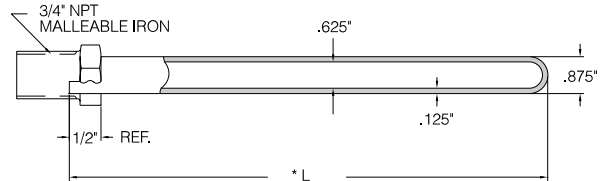
SPECIAL PROTECTION TUBES

TYPE 54 - SPECIAL CAST (77% CR, 23% AL₂O₃) PROTECTION TUBE FOR USE IN OXIDIZING ATMOSPHERES UP TO 2500° F

- Thermal conductivity comparable to stainless steel.
- Resistant to wetting by most molten metals except Aluminum.
- Chemically inert to sulfur dioxide and hydrofluoric acid.
- NOT recommended for use in carburizing or nitrogen atmospheres.

TYPICAL APPLICATIONS:

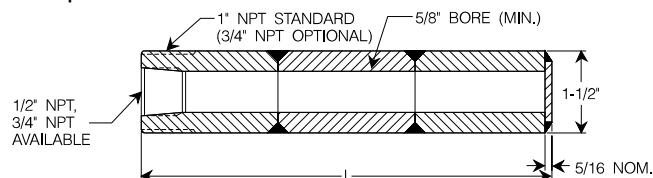
Blast furnace and stack gases to 2400° F
 Sulphur burner gases to 2000° F
 Chemical process reactors to 2500° F
 Copper base alloys to 2100° F



*Lengths Available (In inches): 9, 12, 18, 24, 30, and 48.

TYPE 563 - SECTIONAL-WELDED PROTECTION TUBE LONG LIFE CAST ALLOY (35% NI, 26% CR, 15% CO, 5% W)

Noted for abrasion resistance at high temperature (2300° F max. operating). Frequently used by petro-chemical, cement and heat-treating industries. Also used in smelting, refining and steel mill furnaces. Excellent properties for use in sulphurous, oxidizing and reducing atmospheres.



Specify length and sensor connection required.
 Straightness of OD is prohibitive - emphasis is placed on straightness of bore.

TYPE 57 - HEAVY WALL (1-11/16" OD X 15/16" ID) CAST IRON PROTECTION TUBES WHICH ARE *CERAMIC REFRACTORY COATED FOR TEMPERATURES UP TO 1400° F

*Coated with a combination of Alumina, Cobalt, Borax and Feldspar
 -Used for Molten Aluminum, Zinc and Lead.
 Sizes are 12" to 72" in 6" increments.

