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Technical Data Sheet Plibrico PliKote MT

Product # 61501

Available Internationally As:

Plibrico PliKote MT

Product Description:

A water-based coating designed to prevent molten metal adhesion to both refractory and most metallic surfaces. PliKote MT's bonding system enables it to be applied in a variety of applications including both hand and automatic ladles, thermocouple tubes, sow molds, troughs, casting tables, most boards, flooring, and other surfaces which require a protective coating.

Service Use:

Plibrico PliKote MT is designed to be used in a variety of applications including metallic and ceramic hand and automatic ladles, most thermocouple protection tubes, ingot and sow molds, troughs, casting tables and most ceramic boards. It can also be used on refractory surfaces, both in precast and in situ non-fired surfaces.

Standard Packaging: 1 or 5 gallons / 3.79 or 18.93 L Pail

Weight (shipped): 12 lbs. per gallon

Shelf Life: 6 months

Service Limit: 3000°F / 1649°C

Physical Characteristics and Properties

Appearance	White Paste
Freeze Point	20°F
pH	N/A
Adhesion Prevention	Excellent

Other Data: Stainless steel requires wire brush or acid prep.

Application:

Stir PliKote MT thoroughly prior to use. Surfaces to be coated should be clean of all previous coatings, rust, and grease. New metallic parts may contain surface treatments which can prevent optimal adherence of PliKote MT. It is recommended that new parts be prepped by wire brush or mild acid wash prior to coating.

PliKote MT is shipped concentrated and should be diluted with water prior to use. It can be applied by dipping, brushing, or spraying. Do not overcoat as this may cause flaking. Two light coats will produce better results than one thick coat. If air drying, allow a minimum of 8 hours prior to use. If force drying, use only warm air, do not cause direct flame impingement on the part. **Excellent results can be achieved if parts or surface are warmed to 90°-120°F prior to applying PliKote MT.**

CAUTION: Never put parts with wet coating into molten metal.

Release Date: 01 Jun 2015

Note: All data are averaged results of ASTM tests (where applicable) on laboratory specimens. Reasonable variations in data can be expected. Data is not to be used for specification purposes. Product data is periodically updated to reflect product, raw material, process and/or testing changes. The information contained in this bulletin is to the best of our knowledge, true and accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from its use, or that any such use will not infringe any patent. Product should be used as per recommendations and should not be modified. Please consult your Plibrico representative to make sure you have the most current data.