



Plibrico Company, LLC

1935 Techny Road - Unit 16
Northbrook, IL 60062
(312) 337-9000
www.plibrico.com

Technical Data Sheet Plibrico PliKote MT Dry

Product # 61502

Available Internationally As:

Plibrico PliKote MT Dry

Product Description:

Plibrico PliKote MT Dry is a non-liquid option for Plibrico's PliKote MT product, specifically for winter usage. This material is designed to prevent molten metal adhesion to both refractory and most metallic surfaces. PliKote MT Dry'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:	25 lbs. / 11.34 kg Pail
Weight (shipped):	25 lbs.
Shelf Life:	6 months
Service Limit:	3000°F / 1649°C

Physical Characteristics and Properties

Appearance	Dry Powder, white paste when mixed with water
Freeze Point	20°F
pH	N/A
Adhesion Prevention	Excellent

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

Application:

Add the dry powder to warm water, *Not Hot*, and mix thoroughly to desired dilution ratio. 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, therefore it is recommended that new parts be prepped by wire brush or mild acid wash prior to coating.

PliKote MT Dry 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 PiKote MT.** **CAUTION:** Never put parts with wet coating into molten metal.

DILUTION RATIOS: 5 lbs. of PliKote MT Dry mixed with 6 lbs. of water will be identical to Plibrico's PliKote MT. Depending on application, dilution ratios will range from 8 lbs. of water, approximately 1 gallon, to 24 lbs., slightly less than 3 gallons, per 5 lbs of dry material. If spray application is required, dilution will range from 2.5 to 3 gallons of water to 5 lbs. of dry mix depending on the orifice size of the spray head.

Release Date: 01 Nov 2013

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.