



CERAFLUX
An ISO 9001 Certified Company

**"The Only Indian Company Manufacturing
Wide Range of Metallurgical Products "**

**CERAPACK DS TUBES
(Deoxidizing agents for copper and copper alloys)**

GENERAL DESCRIPTION:

CERAPACK DS tubes are individual copper tubes containing phosphor-copper reagents. **CERAPACK DS** tubes are specially designed to remove dissolved oxygen formed during the melting process. If this dissolved gas is allowed to remain in the melt it can seriously reduce mechanical properties and pressure tightness of the casting.

ADVANTAGES:

CERAPACK DS tubes are available for commercial copper, gun metal, bronze, brass metal. Thermal and electrical conductivity of the alloys are not affected.

APPLICATION:

Upon completion of the melting process using the appropriate covering and cleaning agents, the melt should be deoxidized to remove dissolved oxygen. It is most important that the slag is completely removed (especially in the case of oxidizing slags) before treatment in order to prevent a reaction between the deoxidizing agent and oxygen contained in the slag.

CERAPACK DS tubes should be plunged quickly down to the bottom of the melt using a forked plunging rod and kept there until the reaction is complete.

APPLICATION TEMPERATURE: At casting or melt treatment temperature.

APPLICATION RATE:

Melt weight (in kg)	25	50	100	200	400
Commercial copper	2 Ds3	3 Ds4	6 Ds4	3 Ds6	6 DS6
High conductivity copper	1DS1 & 1CB3	1DS2 & 1CB3	1DS4 & 1CB6	2DS4 & 2CB6	1DS6 & 4CB6
Brass	1 Ds1	1 Ds2	1 Ds4	2 Ds4	4 DS5
Bronze	1DS2	1 Ds3	1DS5	3DS4	4 DS5

NOTE:- Above information is true and accurate based on controlled laboratory testing. However user is responsible for determining suitability for application at their end. No guarantee is implied since the condition in actual use differs widely & beyond our control.

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