



The Centrifugal Casting Machine Company, Inc.

The world leader in centrifugal casting technology

www.centrifugalcastingmachineco.com

CCMCO has a variety of mold coating options. From Alumina based to Zircon based coating, we have one to meet your needs.

AVP-1 Mold Coating

AVP-1 Alumina based premixed mold coating is our most popular mold coating. It is used for both ferrous and non-ferrous material. This mold coating has a higher refractoriness or higher melting point and therefore it is especially ideal for steel castings. AVP-1 mold coating is available in 55 gallon drums with no minimum requirement. Five gallon pails are also available in increments of 6 pails.

AVP-3 Mold Coating

AVP-3 Alumina based mold coating has increased insulation properties for thin wall castings and radiant tubes. This allows for hotter die temperatures due to an increased amount of water available in the coating. AVP-3 mold coating is available in 55 gallon drums with no minimum requirement. Five gallon pails are also available in increments of 6 pails.

CCMCO Mold Coating Options				
Mold Coating	AVP-1 Alumina Based	AVP-3 Alumina Based	GVP-1 Graphite Based	ZVP-1 Zircon Based
For Use With Steels	*	*		*
For Use With Non-Ferrous Metals	*		*	
For Use With Thin Walled Castings (Less Than 8mm Wall Thickness)		*		
Can Be Applied Using Single or Multiple Passes	*	*	*	*
Creates A Smooth Surface Finish	*	*	*	*
Aids In Extraction	*	*	*	*
For Use As A Base Coating				*
Requires Storage In Cool/Dry Place	*	*	*	*
Available In 5 Gallon Pails	*	*	*	*
Available In 55 Gallon Drums	*	*	*	*

GVP-1 Mold Coating

GVP-1 Graphite based premixed mold coating is made of high solids graphite slurry and primarily used for non-ferrous material. GVP-1 mold coating comes in 55 gallon drums with no minimum requirement. Five gallon pails are also available in increments of 6 pails.

ZVP-1 Mold Coating

ZVP-1 Zircon based premixed mold coating is made of fine mesh zircon flour and aluminum silicate refractory. It has a high thermal stability and employs a combination of special binders to maximize adherence to steel or graphite molds. ZVP-1 is especially useful as an undercoat in places where metal hits the mold and other coatings wash away. ZVP-1 mold coating comes in 5 gallon pails only and must be ordered in increments of 10 pieces. It is also recommended that this mold coating be freeze protected during transit to your facility.



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