

# Harris & Bruno International's Anti-Offset Powders



At Harris & Bruno, we take special care in processing our powders so that particle adherence between the starch granules is virtually eliminated. Regardless of your ambient humidity, the powders will not cake or clog, resulting in free flowing characteristics and even powder dispersion for maximum offset protection. No longer do you have to worry about powder build-up on tubes or nozzles or powder bombs onto the sheet or web. We offer a large inventory of anti-offset spray powders available to suit most any application. Supported by years of extensive research and development, we are able to offer our powders in regular, coated, low dust, and low adhesion formulas.



At Harris & Bruno, every measure is taken to ensure you a consistent and high quality batch each and every time. We are so confident that our product is the best we will even send you a free sample with no obligation! If you want the best powder available from an established company with a reputation for excellent service, simply give us a call. As with all our products at Harris & Bruno International, we offer a complete satisfaction guarantee. Don't wait, call us today!

## Harris & Bruno Anti-Offset Powder Benefits

- Controlled moisture content and protective packaging
- Ability to run higher piles/loads with no offset
- FDA & USDA approved for food packaging
- High crush resistant particles
- Coated, low dust, and low adhesion powders available
- Eliminate set-off in high pile deliveries
- Elevated level of worldwide service and support

# Specialty Powders

## Powder Use Chart

H&B#	Micron Size	Use and Limitations
29	15-20	Very fine powder for use on smaller presses with low pile deliveries. Ideal on smooth stock and light paper. Leaves a smooth finish.
35	20-23	Most popular powder for regular and coated label paper stock. For use on medium size presses with high pile deliveries.
50	24-27	Medium fine powder recommended for heavier stock like labels, book covers, and light carton. Ideal for use in film packaging and heavy ink/varnish coverage.
65	34-38	Medium powder is recommended for heavy ink/varnish coverage on large presses where stock is piled to full loads. Generally for stock smooth on one side.
75	50-55	A coarse powder for folding carton with full loads, uneven stock on both sides, sulfite board, SBS, ice cream & cereal cartons.

## The Next Generation of Specialty Powder Formulations

### *Low Dust Powder*

#### *LD Prefix (LD35, LD50, LD65 & LD75)*

Dealing with airborne dust can be greatly minimized with a free flowing powder. The special LD (low dust) formulations offer a greater density starch to minimize powder floating as well as provide a more uniform particle size distribution.

### *Silicone Coated Powder*

#### *C Prefix (C29, C35, C50, C65 & C75)*

Aware that high humidity conditions in the pressroom can sometimes be a problem, Harris & Bruno has available a silicone microencapsulated powder. The unique formulation of these silicone based powders provides a very smooth finish under the most extreme humidity. Please be aware that these specialty coated powders are incompatible when printed /coated surfaces are to be laminated or UV overcoated.

### *Low Adhesion Powder*

#### *Micromark Series*

#### *M Suffix (29M, 35M, 50M)*

Through a patented process, the adhesion between the smooth, round starch particles is permanently reduced to lower the adhesion characteristics, regardless of the humidity. In addition, through the patented manufacturing process, the powders have been given a positive electrostatic charge which helps them to gravitate toward the printed substrate, further neutralizing any static build up. Lastly, offsetting and uneven print loads are eliminated with their special crush resistance and consistent particle size distribution.

The Micromark Series are ideal for use on plastic or synthetic stocks as well as anytime static is an issue. They are FDA approved and free of chemical additives and can be cleaned by either brushing or vacuuming.

**Call Us Today!**