

FEATURES

- 303, 304 and 305 are polyester based hot melt powder adhesives used to improve the adhesion of plastisol based heat transfers.
- 11E, 11H and 11L are polyamide based hot melt powder adhesives used to improve the adhesion of plastisol based heat transfers.

Application & Storage Information

RECOMMENDED FABRICS	Cotton, cotton/poly blends, 100% polyester and some nylon or other synthetic fabrics. Always test transfer for adhesion and possible dye migration before beginning a production run.
POWDER ADHESIVE APPLICATION	<p>After printing the wet ink on transfer paper the powder adhesive can be applied by several methods:</p> <ul style="list-style-type: none"> • Sprinkle powder adhesive on wet ink using a salt type shaker. • Fill a square container (box) with the powder adhesive, at least 1/4" to 1/2" deep, and pass the printed and wet transfer (print side up) through the container of powder adhesive. The powder adhesive will adhere to the wet ink. • Use a special mechanical powder adhesive coater. <p>When applying the powder adhesive by hand, remove excess powder adhesive from unprinted areas of the transfer sheet before running through the dryer by shaking or by slightly thumping/beating the transfer paper from the non-printed side of the transfer paper with fingers.</p> <p>Run the transfer paper with the powder adhesive applied to the wet ink through the dryer.</p>
DRYER TEMPERATURE	Time and temperature through the dryer may vary to some degree depending on the type of dryer used and the length of the heat tunnel. The powder adhesive will melt at 300°F to 325°F (149°C to 163°C). The powder adhesive should just be slightly melted (look like melted sugar) on the transfer paper if the adhesive has reached the prescribed temperature.
MULTI-COLOR TRANSFER	When printing a multi-color transfer it is highly recommended that the last ink printed (color or clear) overlaps all the other colors that were previously printed so the powder adhesive can be applied one time to the last color applied. This method will give the best results in terms of adhesive coverage.
TRANSFER APPLICATION	Finished transfers (ink and powder adhesive) should be applied at 325°F (163°C) for 5 to 15 seconds depending on the fabric and wash durability needed.
PRODUCT DESCRIPTIONS	<p>303 Polyester Powder - Fine grind - 1 to 80 microns particle size 304 Polyester Powder - Medium grind - 60 to 200 microns particle size 305 Polyester Powder - Fine grind - 1 to 80 microns particle size (Very good powder adhesive for best elongation properties)</p> <p>11E Polyamide Powder - Coarse grind - 100 to 300 microns particle size. 11H Polyamide Powder - Fine grind - 1 to 80 microns particle size. 11L Polyamide Powder - Medium grind - 60 to 200 microns particle size</p>
PRODUCT PACKAGING	Sold by the pound.
STORAGE OF POWDER ADHESIVE	Recommend storage at 65°F to 90°F (18°C to 32°C). Avoid storage in direct sunlight. Keep containers of powder adhesive well sealed and away from any moisture.
PRODUCT MSDS	<p>Refer to material safety data sheet Powder Adhesives (11E, 11H, 11L) Refer to material safety data sheet Powder Adhesives (303, 304,305)</p>

POWDER ADHESIVES