



TECHNICAL #138

BULLETIN

98692 Dull Overprint Varnish (Wax Type)

98692 has been formulated with today's pressman in mind. Use of this product will virtually eliminate the running problems often associated with dull inks and varnishes, such as piling, drying rollers and chalking.

Application: Suitable for use on all types of lithographic, dry offset and letterpress equipment. Good alcohol resistance allows this product to be used on presses with continuous dampening systems. 98692 dries to a hard dull finish and offers a measure of protection to the surface it is over-printing.

Subsequent Processing: 98692 may be used when a job requires either foil stamping or subsequent imprinting.

Dull Tint Inks: 98692 may be used instead of tint base to produce dull tint colors. Best results are obtained when inks contain less than 10% color.

Tips on running Dull Varnish: When dull varnish overprints paper and ink, it produces a velvet-like effect. This is because dull varnish contains platelets that rise to the surface as it sets and dries. The final arrangement of these platelets is so irregular that light rays striking them are reflected in many different directions, diffusing the light. The printed surface therefore appears dull. Very best results are seen when the ink is dry. This process differs from gloss varnish because light reflected through the clear gloss varnish film travels to the viewer's eye with minimal diffusion.

When overprinting with dull varnishes, heavy ink films should be avoided, because these tend to give an overall higher gloss compared to printing a thin to normal film weight.

Tack = 8.0 - 9.0 (1200 rpm @ 1 min., 900 F, TA Inkometer)

Stability = 0.5 units/min

Dry Time = 2 - 3 hours (BK Dry Time Recorder)

GANS INK & SUPPLY COMPANY

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