



# Flexible Packaging Ink and Varnish Suggestions

## Printing

The paper face on the pouch materials are all semi-gloss quality paper or higher. Line copy as well as process printing can be achieved. All of Avery Dennison's film faced products are designed for surface printing. The use of corona treatment or priming can enhance ink adhesion.

Inks and varnishes for the flexible packaging market are unique because they must hold up to high temperatures during sealing (375F). The inks and varnishes must also be flex crack resistant and the overall print surface must have a COF of less than 0.3.

Avery Dennison has seen the following ink systems work well for flexible packaging. We recommend that you talk to your current supplier, and communicate that you are working in the flexible packaging market. Your current supplier can recommend inks for this process.

Inks that have worked well are:

|                               |            |             |
|-------------------------------|------------|-------------|
| Actega's WIT inks             | Paper      | Water based |
| Actega's VesaFilm ink system  | Paper/film | Water based |
| Wycoff's Advanced Film series | Paper/film | Water based |
| Alden and Ott's Tempo Grip    | Paper/film | Water based |
| Zeller Gmelin's series 34     | Film       | UV based    |

Avery Dennison has seen the following varnish systems work well for flexible packaging. We recommend that you talk to your current supplier, and communicate that you are working in the flexible packaging market. Your current supplier can recommend varnishes for this process.

Varnishes that have worked well are:

|                                   |            |             |
|-----------------------------------|------------|-------------|
| Actega's RVG001212                | Paper/film | Water Based |
| Alden and Ott's flex pack varnish | Paper/film | Water Based |
| Sun Chemical's QMKSV0484934       | Paper/film | Water Based |
| Actega's Radcure systems          | Paper/film | UV based    |
| Zeller Gmelin's series 34         | Film       | UV based    |

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