



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 QMKS0484934	Paper/film	Water Based
Actega's Radcure systems	Paper/film	UV based
Zeller Gmelin's series 34	Film	UV based

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