

VYNGUARD APPLICATION RECOMMENDATIONS:

VYNGUARD is a concentrate, i.e., it is designed to be diluted or “let down” with an equal volume of either MEK or acetone.

Recommend mixing one (1) gallon of VYNGUARD with one (1) gallon of MEK to achieve a suitable viscosity for gravure coating. Most coating facilities will use a Zahn #2 cup to measure viscosity on line.

The target viscosity for gravure application is 40 CP at 75 F or 20-30 seconds with a Zahn #2 cup at 75 F.

This coating functions as a transparent, heat sealable and weatherable barrier that stops the migration of plasticizer from flexible vinyl. In order to have a barrier, the coating must cover 100% of the surface. The most efficient coating thickness is 0.2 mil (5 microns). This is commonly referred to as a “pad coat” and can be achieved using a 100 line gravure roll (shell) without the doctor blade.

