



Adcote™ 76H105 Primer

Description

Adcote 76H105 is a clear, non-blocking primer or coating for polyester film which is suitable for use as a printing and coating primer for solvent, or water based inks and coating materials. It will also function as an extrusion primer and is used as a surface coating on metallized polyester film.

Typical Properties*

Solids:	36.0 ± 1.0%
Weight/Gallon:	8.3 ± .1 pounds
Viscosity brookfield	1100 ± 400
Thinner:	Ethyl Acetate
Coreactant:	CT
Mix Ratio:	100 pbw Adcote 76H105:5.5 pbw Coreactant CT
Shelf Life:	360 days

*These items are provided for general information only. They are approximate values and are not considered part of a product specification.

Instructions for Handling

Weigh out the desired amount of Adcote 76H105. Add sufficient solvent to approximate final desired solids and mix thoroughly preferably with mechanical agitation. Then add desired amount of coreactant and mix thoroughly. Adjust with solvent for desired final solids or viscosity. Use of coreactant is for increasing resistance properties; e.g., as a two component extrusion primer. Adcote 76H105 should be evaluated without coreactant as this is normally sufficient for use as a print primer.

Caution

Adcote 76H105 may show a tendency to gel on exposure to cold temperatures. This can be covered by warming to approximately 38°C (100°F) and stirring thoroughly with a high shear mechanical agitation. This is strictly a physical phenomenon and has no bearing on final performance.

Apply with a gravure cylinder or roll coat applicator. A dry coating weight of 0.5 pounds/3000 square feet is suggested for priming applications. Pass through a drying tunnel sufficient to remove all solvents and then over chill rolls to bring temperature to 33°C (90°F) or lower before rewinding.

Full adhesion to film should develop in 24-48 hours. Extrusion coating and water based coating should be carried out within this period for best performance. Solvent based inks and coatings can generally be applied for extended periods. We suggest that the customer check with his own materials for extent of primer usefulness.

Lower coating weights begin to show iridescence or slight bloom in the coated stock due to light diffraction. Print primers are generally applied at 0.25 to 0.75 lb/ream depending on each application

Safety, Handling and Storage

- Store in cool, dry, well ventilated area.
- Follow good manufacturing and handling practices.
- Wash thoroughly after handling. Wash contaminated goggles, face shield, and gloves. Professionally launder contaminated clothing before re-use.
- ATTENTION! Container can be hazardous when empty. Follow label warnings even after container is empty. Do not reuse empty container without professionally cleaning it first.
- Refer to Material Safety Data Sheet for more information.

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[Back to Top]

