

PVDF-256

Description:

PVDF-256 is a solventborne PVDF (polyvinylidene fluoride) based lacquer designed for vinyl substrates where superior outdoor durability and long service life is desirable. Ideal applications include: roofing membranes, tension structures, tents, awnings, banners and commercial signage.

Characteristics:

- Superior UV resistance and outdoor weatherability
- Self cleanable: product should not require washing, cleaning or other maintenance because it will resist dirt and soil contamination
- Superior stain resistance: sharpie soils can be removed with IPA.
- Superior plasticizer barrier properties
- Easy to apply
- Dries at low temperature
- Pigmentable
- Supplied at high gloss. A concentrate can be provided to reduce gloss
- Embossable and thermoformable
- May be used with PAP-127 primer for substrates needing better adhesion

Application, Drying and Curing

PVDF-256 may be applied by standard methods of application including gravure, Mayer rod or spray. It may be air dried or force dried at 150-200F for a minimum of 30 seconds.

Note: considerable time may be required for NMP to be completely removed from the dried film. This may result in lesser-than-expected stain resistance during this period. It has been our experience that, depending on initial drying conditions, up to a month may be required before full stain resistance is attained.

Typical Physical Properties

Solids by weight	16%
Viscosity @ 25C	Approx 50 cps
Density (lb/gal)	7.9
Thinning Solvent	Ethyl Acetate
VOC (lb/gal)	6.6
60 degree Gloss	30

Containers, Storage and Shelf Life

PVDF-256 can be supplied in non-returnable 5-gallon pails, 55-gallon drums, and totes. Store under normal ambient temperature conditions and keep away from flame or any source of ignition. Under typical storage conditions the product should last up to six months or more. In the event of gelling the product may be easily remixed using a cowles mixing blade at high speed. More detailed handling instructions are available on the MSDS.

The above properties of the coating are based on tests and data believed to be reliable to the best of our knowledge. No guarantee or warranty of any kind is made with regard to this information.