

MODERN SPECIALTIES IN SYNTHETIC AND PLASTIC INKSRondeau 1200. Ramos Mejía, Buenos Aires, Argentina.Phone: 4654-0060Fax: 4656-1098E-Mail: laboratorio@pintesint.comwww.pintesint.com

VITRUM UV SERIE ID 17000

The Vitrum UV is an ultraviolet radiation curing ink especially formulated for screen printing in nonflame glass. It has an excellent adherence in Flint and float glass and a very good chemical and mechanical resistance. Highly recommended for the cosmetic, pharmaceutical and beverage industry given a wide variety of effects to achieve in its different applications such as, thermochromatic, photochromatic and metallic colours.

With a line of colours with good resistance to the outdoors with the polychromatic tones included.

AUXILIARIES

- Additive 428 (code 4810): It is added to the ink of 2 to 4% to improve physical and chemical resistance.
- Curing accelerator (code 11042): It is recommended to add from 1 to 5% if necessary.
- Reducer of non-active viscosity (code 11047): An excess could modify the characteristics of the ink, not add more than 5%.

GENERAL RECOMMENDATIONS

Do not mix this line of inks with any product not recommended in the previous point (AUXILIARIES).

CURING

The cure rate depends on the following factors, lamp status, film thickness and colour. Check these points before adding curing accelerator.

PRE-PRINTING TEST

Check the characteristics of the substrates before use, checking the adhesion of the ink.

CURING DEFICIENCIES

If you get poor curing with any of the colours, shown through wet film or loss of gloss, it is usually due to an excessive ink tank. To correct this, factors such as mesh, squeegees, colour density, band speed or amount of UV energy must be modified.

STORAGE

Store in a place protected from light and in black polyethylene containers, because exposure to light causes the polymerization of the ink.

The containers should be closed very well, and immediately after using the inks. To maximize shelf life, the storage temperature should be 10 °C to 25 °C (50 °F - 77 °F). The stability of the ink is one year, fulfilling the mentioned requirements.



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RANGE OF COLOURS

Code	Description
17011	White Cover
17020	Yellow Lemon
17023	Yellow Gold
17021	Yellow polychromatic
17041	Colourless Base
17050	Orange
17052	Red
17054	Magenta polychromatic
17055	Pink
17060	Green
17071	Blue process
17073	Violet
17074	Cyan polychromatic
17090	Black Polychromatic
17092	Black cover

IMPORTANT NOTE

- I. The inks formulated by Pintesint SAICyF must be used exclusively with the solvents and the complementary products that it manufactures for that purpose. Due to the diversity of products in the market, the company is not responsible for the use of the same from another source.
- II. The suggestions and data of this literature were elaborated in good faith, to guide the user. We recall the importance of checking the adaptability of inks and complementary products by testing before starting production. Due to the fact that the conditions of use of the products are not under our control, the present does not constitute a guarantee on the work to be done.