

Graphics Industry Products – UV

Contact us for detailed data on products for any end use – whitehalltech@xtra.co.nz.

We use a system of prefixes and suffixes to describe coating types:

- RC designates Rollcoats
- DOS designates Dry Offset
- LOS designates Litho
- SP designates Screenprint
- UV Tack designates adhesives
- UV Dome lenses
- UV Prime adhesion coats
- UV Lam laminating adhesives

A number or letter combination then identifies the product with a suffix sometimes used to give a functional description.

- LO designates Low Odour
- CPLO designates low odour and with co-polymerisable photoinitiators (i.e. for use in situations where migration of possible contaminants from the coating must be avoided).
- SS designates superslip coatings (e.g. for beer/beverage packaging fan-out and erection systems).

Some typical UV Cure examples:

- RC Supergloss: Glossy economical 100% solids rollcoat.
- RCSS 9-13: Slip coat with angle of slip of 9-13 degrees.
- RCSSLO: Low odour slipcoat.
- RCCPLO 12-16: Low odour co-polymerisable overgloss with slip angle of 12-16.
- RCCPLO Matt: Low odour co-polymerisable matt overgloss.
- RC52UV: Glosscoat for adhesion over conventional litho print.
- RC52LO: As above but low odour.
- RC45SFLV: Synergist free low viscosity for use over alkali sensitive pigment.
- RC45Matt: Matt overgloss for cosmetic cartons.
- RC50SF: Cosmetic carton synergist free overgloss.
- DOS52: Dry offset overgloss for conventional ink.
- DOS245/2: Wine label overgloss.
- DOS3: Low cost dry offset clear.
- DOSWI: Dry offset for wet trapping over conventional wet ink.
- LOSWI: Litho offset clear.

- SPGP: General purpose screen clear.
- SPHP: High performance clear.
- SPDS: Screen clear for double sided work.
- SPSuperseal: Plastic adhesion clear.
- SPCPLO: Low odour co-polymerisable clear.

Using this system of description we can create a coating for any customer need.

Other Graphics Industry Products

Aqueous Overglosses: These are companion coatings for UV overglosses and stand alone coatings for application from on-press coating towers or separate rollcoaters.

Typical examples

- AQUASEAL GLOSSCOAT 12-16: Aqueous overgloss with slip angle of 12-16 degrees.
- AQUASEAL GLOSSCOAT HIGHSLIP: Beer/Beverage, etc.
- AQUASEAL PRIMER: Precoat for UV coating over conventional ink on a 2 tower press.

Screen Inks:

- UV Flex: For plastic substrates.
- PC UV: For paper and card (very high gloss).
- UV AQUA: Water reduced screen inks.
- SPHS: Hard surface inks (e.g. steel drums).
- SPBW: Rotary screen base white.

Other inks, adhesives and allied products:

- UV Lam (laminating adhesives) and UV Tack (pressure sensitive adhesives and glass adhesion systems).
- UV Release liner coating.
- UV Set DOS: Dry offset and letterpress inks.
- UV Set Litho: Inks for litho work – generally special situations.
- UV Dome – lenses for graphics enhancement, etc.
- UV Jet Ink jet systems.
- UV-Gravure printing systems.