

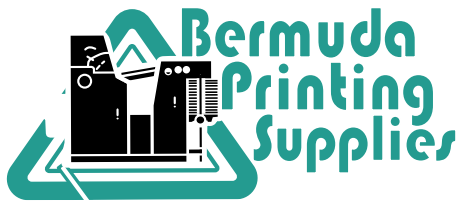
## UV Varnish Product Information

ECS make's a constant commitment to supplying and developing a complete range of high performance UV varnishes and lacquers. There are many types of machines and applications found within the print sector. Here at ECS we have compiled a core range of products to meet the ever increasing demand set upon our agents and distributors.

### Core Range

<u>Code</u>	<u>Description</u>	<u>Gloss</u>	<u>Viscosity</u>	<u>Slip</u>	<u>Odour</u>	<u>Benzophenone Free</u>	<u>Foil Blockable / Glueable</u>	<u>Brief</u>
<b>U100</b>	Ultra Matt UV Varnish	<10	35 – 40	0.35-0.40	Medium	No	No	A super flat matt UV varnish designed for in and offline application.
<b>U101</b>	Ultra Matt Foil Blockable UV Varnish	<10	35 – 40	0.55-0.60	Medium	No	Yes	Glueable and stampable version of U100
<b>U102</b>	BP Free UV Matt Varnish	<10	35 - 40	0.35-0.40	Low / Med	Yes	No	Benzophenone free matt varnish ideal for packaging
<b>U200</b>	Smooth Silk UV Varnish	30 -35	35 - 40	0.35-0.40	Medium	No	No	A smooth silk finish UV Varnish
<b>U300</b>	ECO Gloss UV Varnish	>90	33 – 37	0.35-0.40	Med / High	No	No	General purpose in-line Gloss UV varnish
<b>U301</b>	High Gloss UV Varnish	>95	33 – 37	0.34-0.38	Medium	No	No	High Gloss high performance UV varnish
<b>U302</b>	Foil Blockable Gloss UV Varnish	>95	33 – 37	0.55-0.65	Medium	No	Yes	Glueable / hot foil stampable version of U301
<b>U313</b>	In-Line Heatset Web Gloss UV Varnish	>90	37 – 42	0.30-0.35	Low / Med	Yes	No	High gloss high speed UV varnish for in-line application over Heatset inks.
<b>U314</b>	Ultra Low Odour High Gloss Varnish	>95	35 – 40	0.35-0.40	Low	Yes	No	Ultra low odour, low migration UV varnish. Ideal for packaging
<b>U344</b>	Steinmann Off-Line High Wetting UV Varnish	>95	24 – 28	0.30-0.35	Medium	No	No	High wetting varnish designed for application via an off-line Steinmann coater. Suitable for use over most ink types.
<b>U404</b>	High Adhesion Gloss Plastic Lacquer	>90	33 - 38	0.30-0.35	Medium	No	No	High gloss high adhesion varnish suitable for most substrate types.

Along with the core range of varnishes ECS have developed a range for the Narrow Web Flexo sector, Dry Offset varnishes for application via the ink duct as well as varnishes for the Silk Screen trade market. All varnishes are designed to be as versatile as possible to ensure the minimum of number of products can be stocked and supplied.



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### Narrow Web Flexo Varnishes

<u>Code</u>	<u>Description</u>	<u>Gloss</u>	<u>Viscosity</u>	<u>Slip</u>	<u>Odour</u>	<u>Benzophenone Free</u>	<u>Glueable / Foil Blockable</u>	<u>Brief</u>
U600	Gloss UV Flexo Varnish	>90	35 - 40	0.35-0.40	Medium	No	No	High Gloss general purpose narrow web flexo varnish
U632	BP Free Gloss UV Flexo Varnish	>90	45 – 50	0.35-0.40	Low	Yes	No	Fast cure low odour premium gloss UV flexo varnish
U614	Thermal Overprint Gloss Varnish	>90	35 – 40	0.55 – 0.65	Medium	No	Yes	Gloss varnish suitable for subsequent overprinting, foil blocking and gluing
U616	Thermal paper Gloss varnish	>90	38 - 43	0.25 – 0.30	Medium	No	No	Designed for use on thermal paper substrates

### UV Screen Varnishes

<u>Code</u>	<u>Description</u>	<u>Gloss</u>	<u>Viscosity</u>	<u>Odour</u>	<u>Benzophenone free</u>	<u>Glueable / Foil Blockable</u>	<u>Brief</u>
U500	Gloss UV Screen Varnish	>90	60 – 70	Medium	No	No	General purpose high gloss screen varnish which provide good flexibility and flow properties
U520	High adhesion Gloss Screen Varnish	>90	60 – 70	Medium	No	No	A screen varnish designed for difficult substrates such as laminate films.

### Dry Offset Varnishes

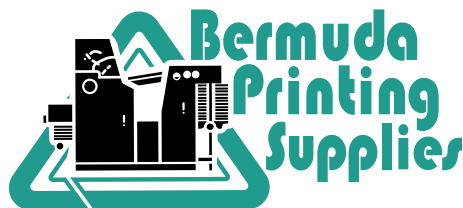
<u>Code</u>	<u>Description</u>	<u>Gloss</u>	<u>Viscosity</u>	<u>Slip</u>	<u>Odour</u>	<u>Benzophenone Free</u>	<u>Glueable / Foil Blockable</u>	<u>Brief</u>
U108	Matt Dry Offset Varnish	<10	300	0.45 – 0.50	Medium	No	No	A smooth matt varnish designed for application via the ink duct.
U309	High Gloss Dry Offset UV Varnish	>95	200	0.35 – 0.45	Medium	No	No	A high gloss UV Varnish designed for application via the ink duct. Suitable for printers who can utilise a printing unit

**\*\* Results specified above have been obtained using a quality controlled environment and materials. On press results may differ \*\***

Additional specialist UV varnishes are available such as security applications, digital and modified coaters. ECS can also provide UV specific cleaning chemicals including FOGRA certificated for use with these products.

Products manufactured by ECS for Bermuda Printing Supplies

**FOR FURTHER INFORMATION PLEASE CONTACT OUR HEAD OFFICE**



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