

ECS setting the standards in pressroom solutions

Heatset Web Product Information Sheet

The ever increasing demand set upon a Heatset Web printer of lower costs, improved efficiency and higher quality is a requirement further set on the supplier. Here at ECS we have taken such requirements on board and have formulated and formed a full range of products to help complement and support and Heatset Web Print house or supplier to such user.

The range has been developed to include a full range of automatic and manual washes, FOGRA certificate fount solutions, silicone emulsions, UV curable and Waterbased coatings for both in and off line application, silicone emulsions and other pressroom consumables.

Pressroom Cleaners

	<u>Description</u>	<u>Water Miscible</u>	<u>Flashpoint</u>	<u>Details</u>
C606	Elite 100 Wash	Yes	100°C	A zero VOC wash suitable for cleaning the majority of Heatset inks and applications. Can and is generally used as a manual cleaner.
C651	Elite 60	Yes	60°C	A FOGRA certificated roller and blanket wash. Formulated for automatic and manual cleaning systems.
C695	Biowash	Yes	>112°C	An improved cleaning solvent designed to re-soften Heatset inks. Contains both solvent and oils to further enhance the performance of the product.
C505	MRC	No	11°C	A powerful and fast evaporating cleaner designed specifically for cleaning the metering roller.
C213	Digi Clean	Yes	NA	A mild yet powerful plate cleaner designed for use on even the most sensitive CTP plates.

Fountain Solutions and Consumables

	<u>Description</u>	<u>Approved</u>	<u>Dosage</u>	<u>Details</u>
DM102	Elite Jet Star Fount Solution	Yes	4%	A fully FOGRA approved alcohol free web fountain solution. Suitable for the majority of web presses including turbo units.
DM200	Fount System Cleaner	No	NA	A powerful flush solution designed to remove build of dirt and contaminations. Contains biocide and calcium Sequestrants to help remove calcium and kill bacteria.
DM107	Remineraliser	No	NA	Rehardening agent for RO water

Within the Heatset market there is always a demand for Waterbased and UV coatings, whether they are to be used for inline application on the web press or off-line application via secondary coater. ECS has the products!

	<u>Description</u>	<u>Finish</u>	<u>Details</u>
W530	High Gloss Heatset Web Emulsion	High Gloss	A high gloss emulsion designed for in-line application over heat set inks. Provides excellent stability on press at high speeds.
W104	Heatset Web Matt Emulsion	Matt	A smooth matt emulsion with excellent leveling properties. Formulated to provide a hard surface and stable running.
U724	Heatset Web Gloss Lacquer	High Gloss	A super fast curing, none yellowing gloss varnished designed for in-line application. Its rapid cure makes it ideal for high speed. Due to the nature of the formulation this varnish provides excellent levels of flexibility, unseen by most other web lacquers. It further benefits by being low in odour.
U344	Steinmann Gloss Lacquer	High Gloss	A high gloss high wetting varnish designed for application via an off-line coater. Its high levels of wetting remove the need for expensive additives to be used by the end user.



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Silicone Emulsions

Description	Product Code	Details
Web-Slip Alpha Silicone Emulsion	SIL100	Web-Slip Alpha is ideally suited for high speed applications but is versatile for all machines. Its active content makes it comparable to standard 35% silicone emulsions found on the market.
Web-Slip Supra Silicone Emulsion	SIL200	Web-Slip Supra with its higher active content promotes an increase in gloss. This product also benefits from a high dilution rate.
Web-Slip Omega Silicone Emulsion	SIL300	Web-Slip Omega is the ultimate silicone emulsion. It is a high performance solution offering excellent wetting, reduced fly and improved gloss.
Web-Slip Alpha Concentrate	SIL400	A concentrated version of the Web-Slip Alpha, ideally suited for export customers and low cost shipping.

All products are available in a variety of pack sizes and can be supplied both ECS and own branded. For further information please contact the team at ECS.