



H 硅润滑乳剂 Silicones

硅油

ABC硅油不仅为热固商业轮转印刷提供光泽，耐磨，消除静电的效果，还可用在食品包装或者对气味及油面柔软度要求极高的印刷品上。

- ABCSIL35
- ABCSIL40
- ABCSIL50
- ABCSIL60ABC

硅油针对低剂量使用的目的而研发，在低用量的情况下达到较高的印刷要求，兼容性强，可在使用过程中添加各种助剂，以适应不同产品需求。

硅润滑乳剂

Silicones

ABCSIL 硅润滑乳剂，适用于热固商业轮转印刷机的硅树脂涂布系统，保护纸张表面的油墨，并且提供光泽度、抗静电和耐磨擦效果。

特点：

1. 适合高速印刷，用量低；
2. 高分子颗粒小于1微米；
3. 颗粒尺寸均匀，容易形成均匀的薄膜；
4. 在导纸辊，转向辊上不会有残留物；
5. 适度粘性，分散能力强，容易与水稀释；
6. 抗静电效果强。

使用方法：

与纯净水稀释使用，最佳用量与印刷机速度、烘箱温度、印刷纸张及油墨相关联，需经过实验来确定。

ABCSIL 在硅润滑乳剂循环储存系统存放不超过72小时。

ABCSIL is a unique silicone emulsion concentrate with exceptional stability, high slip and superior resistance to mechanical shear at very high press speeds. Once diluted, in use ABCSIL65 provides a perfect coating of silicone for optimal remoistening of the web. This imparts remarkable protection, high slip and faultless delivery for both folder and stacker.

ABCSIL has been specially formulated to use on high-speed printing presses without accumulation of deposits on guides and rollers.

ABCSIL also offers :

Improved wetting of applicator rollers, resulting in more uniform distribution of silicone onto the printed web, and reduced 'fly-off' of emulsion droplets. Reduced viscosity, to assist accurate dilution using proportional closers, and more efficient drainage of containers, to reduce wastage. A frost-stable concentrate, avoiding the risk of spoilage due to freezing during winter.

APPLICATION :

ABCSIL is dosed to clean water feeding the applicator rollers following the chilling/set stage of printing. Dosage rate will depend upon ink quality, paper type and print speed, but a guide is given in the table above.

Dilutions of ABCSIL should not be stored in the applicator bath for more than 72 hours as impurities returned from the applicator rollers may adversely affect stability.

产品型号 Product Name	固体含量±2% Solids	粘度 Viscosity	pH(25°C) pH	建议用量 Dilution	外观 Appearance	包装 Packaging	注意 Attention
ABCSIL 30	30	20cP(sp2@50rpm)	7	2 - 10%	白色水性乳液	25/200kg	防冻
ABCSIL 35	35	21cP(sp2@50rpm)	7	2 - 10%	白色水性乳液	25/200kg	防冻
ABCSIL 40	40	22cP(sp2@50rpm)	7	2 - 8%	白色水性乳液	25/200kg	防冻
ABCSIL 50	50	40cP(sp2@50rpm)	7	2 - 6%	白色水性乳液	25/200kg	防冻
ABCSIL 60	60	65cP(sp2@50rpm)	7	2 - 5%	白色水性乳液	25/200kg	防冻
ABCSIL 65	65	65cP(sp2@50rpm)	7	2 - 5%	白色水性乳液	25/200kg	防冻