

Turbo Dry Ink Dryer

Compatible with all oxidation-drying inks. Typically a 7% addition of Turbo Dry to the ink will halve the ink drying time even the notoriously difficult to dry Reflex Blue.

Blind test by a leading American ink manufacturer showed improvement in the rub and scruff resistance of the printed ink film. Extremely useful when printing on non-absorbent stocks like polyester, vinyl and synthetic papers. Use with all substrates, Turbo Dry will also overcome problems experienced with printing on acid stock, and by using an ink dryer a higher throughput can be expected.

Turbo Dry may be added directly to the ink duct on press. It is vital that the Turbo Dry be mixed thoroughly with the ink to ensure even distribution. Up to 25% of Turbo Dry can be added before there is no benefit. Unlike more traditional dryers, there is no level at which Turbo Dry will inhibit ink drying. Laboratory and press tests with transparent yellow, at relatively high dosages, Turbo Dry had no discernable effect on hue or color level of the ink.

Advantages:

- Extremely fast drying of inks
- Use for hard to dry jobs
- Use with all oil and rubber base inks
- Very low dosage required

Recommendations for use:

A good starting point with Turbo Dry is to add 7% to the ink volume being used. This dosage will cover most of the applications and give a dramatic improvement in the drying time.

For specially difficult situations, or when a job has to be trimmed, folded, scored or finished in a hurry, Turbo Dry can relieve the pressure. By increasing the dosage the printer can control the drying speed of the ink.

A point to remember is that ink containing Turbo Dry should be removed from the press as soon as practical. As each printed job is different with different substrates and ink as well as coverage some dosage experimentation may be advisable.

Physical and chemical properties:

Appearance: Paste
Solubility: Miscible with water
VOC: 50 g/l

Colour: Tan
Boiling point: >200 C
pH concentrate: N/A

Odour: No particular characteristic odour
Relative density: 1.0 @ 20 C
Flash point: No flash



Turbo Dry油墨干燥剂

适用于各种氧化干燥的油墨。油墨中加入7%的Turbo Dry可将干燥时间缩短一半 - 甚至是极不易干的射光蓝 (Reflex Blue) 油墨。

美国首席油墨生产商的拒墨测试显示, 墨膜的防摩擦和抗擦痕性得到了改善。对于无吸收性承印物如聚酯、乙烯基和合成纸更有用。适用于所有印刷受体, Turbo Dry同样可以解决酸性承印物印刷时产生的问题, 作为干燥剂也可大大提供产量。

Turbo Dry也可直接加入墨槽, 但要保证将其与油墨搅拌均匀。如果效果不明显, 最多可加入25%的用量。跟传统的干燥剂不同, Turbo Dry的干燥功能没有限制级别。实验室和印刷中用透明黄的测试, 相对大剂量的Turbo Dry对油墨的色调和颜色没有明显影响。

优点:

- 可极速干燥油墨。
- 用于不易干的油墨。
- 适用于所有油基和橡胶基油墨。
- 只需少许剂量。

使用方法:

大部分情况下开始时可以加入相当于油墨7%剂量, 即可明显提供干燥速度。

特别不易干的油墨, 或者需要紧急切边, 折叠, 压叠或整饰的操作, Turbo Dry都可以轻松解决。可适量添加剂量以调节干燥速度。

请注意加入了Turbo Dry的油墨在使用完后应尽快撤离印刷机, 因为每次印刷的承印物, 油墨和覆盖面积的不同, 所需的剂量也有异。

外观: 膏状
气味: 无特征性气味
沸点: >200 C
VOC: 50 g/l
闪点: 无

颜色: 黄褐色
溶解性: 溶解于水
相对密度: 20°C时1.0
pH值: 无