

UV RESIN



APPLICATION

<ul style="list-style-type: none"> • Liquid • Base • Q (m3/h) • Temperature (°C) • Viscosity (cPs) • P (bar) : 	<p>UV Resin Solvent 6 20 to 100 300 to 5000 5</p>	<ul style="list-style-type: none"> • Abrasive • Particles (mm) • ATEX • Fragile • Self- priming • Specific Gravity 	<p>No No Z1T4 Yes Necessary 1</p>
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Factory manufactures inks and varnishes specially dedicated to bank note printing. The pump is used to transfer U.V resins to the ink manufacturing workshop. The pump is running 12 hours per day 7 days per week.

ISSUES

Pumping U.V resins is very difficult. These resins are sensitive to heat, shear and light. The potential damaging of the resins is irreversible.

MOUVEX SOLUTION

C12i

Technology
Construction
Tightness
Static seals
Jacket
ATEX

Speed

Mouvex Eccentric disc
Stainless steel
Seal less
PTFE coated FKM
No
Z1 T4

Low 260 rpm maximum



The C18i installed in 1999 gives entire satisfaction.

The Mouvex principle does not agitate the product (low linear speed of the piston and low internal leaks).

As there is no bushing inside the pump, there is no risk of local shear of liquid pumped.

Pump is seal-less, which eliminates another inside zone where resin could heat.

The perfect volumetric efficiency of the pump ensures a constant flow rate independent of viscosity.

