

EXCURE 90000

CHARACTERISTIC

The Excure all round varnishes are radical UV varnishes for all varnishing machines, and flexo units.

PROPERTIES

- All these varnishes can be applied wet-on-dry on conventional inks and wet-on-wet or wet-on-dry on Excure UV inks
- The surface tension of the cured film with non-gluable UV varnish is typically < 34 mN/m
- The surface tension of the cured film with gluable UV varnish is typically \pm 38 mN/m
- The Excure all round varnishes are formulated with low toxic ingredients
- The Excure all round varnishes have very good clarity
- The Excure all round varnishes are available press ready at optimal viscosity
- The Excure all round varnishes can be used with normal flexo plates
- Optimal resistance properties will be obtained 24 hours after printing

Article	Viscosity 21°C/DIN 4mm	Cure	Slip	Gloss	Rub / scuff	Property
EXC90006	35 – 45 sec	High	High	High	High	Standard
EXC90007	30 – 40 sec	High	Low	High	Medium	Gluable
EXC90014	45 – 60	High	Medium/Hig	High	High	Medium viscosity

Note :

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EXC90019	sec 35 – 50 sec	High	h High	Low	Medium	Satin
EXC90031	30 – 40 sec	Medium	Medium	Medium/high	High	Anti-blocking
EXC90044	30 – 40 sec	Medium	Medium	High	High	Low visco
EXC90046	50 – 60 sec	High	High	Medium/high	High	Anti-blocking
EXC90047	40 – 50 sec	High	High	High	High	Benzophenone free
EXC99012	40 – 50 sec	High	Low	High	Medium	Gluable version EXC90047, benzophenone free
EXC99025	110 – 130 sec	High	High	High	High	Higher viscosity than EXC90006
EXC99036	40 – 50 sec	High	High	High	High	Anti-fungi
EXC99049	50 – 70 sec	High	Medium/High	High	High	Chemical resistant
EXC99050	60 – 80 sec	Medium	Medium	Very low	Medium	Matt / gluable

Type

- Radical chemistry

APPLICATION AREA

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If it is UV. It must be ARETS

- *Varnishing machines / coaters*

SUITABLE SUBSTRATES (min. surface tension 38 dynes/cm)

- All kinds of paper and board
- Certain corona treated PE-films
- Other substrates: to be tested

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