

TECHNICAL DATA SHEET DIRECT-FLUID[®]

PRODUCT LINE

8300 09 FOR SMALL PRESSES WITH DIRECT CONTINUOUS OR
COMPACT DAMPENING SYSTEMS TO RUN WITHOUT
ALCOHOL

APPLICATION

DIRECT-FLUID[®] has been developed for offset printing without alcohol on small-format sheet-fed presses and is suitable for conventional aluminum plates as well as for polyester and paper plates (e.g. Mitsubishi Silver Digiplate). It can be used on any common small-format offset press, is adjusted to the latest developments in dampening units and gives excellent results especially on Heidelberg GTO presses with the new direct film dampening system.

DIRECT-FLUID[®] helps to quickly develop a stable ink/water-balance and supports quick clearing of the printing plates. It permits running with substantially less dampening solution.

DIRECT-FLUID[®] is suitable for all normal raw water conditions and will stabilize pH in the range of 5.0 – 5.3

SPECIAL CHARACTERISTICS

- Suitable for all raw water conditions.
- No addition of alcohol necessary.
- The printing plates run clean very fast.
- Formation of a stable, thin film of dampening solution due to a specific reduction of surface tension.
- Formation of a stable ink/fountain solution emulsion prevents ink from running into the dampening unit.
- Good protection of printing plates.
- No pollution of dampening systems by micro-organisms.

PROPERTIES

Product Line	Dosage	pH	Conductivity
8300 09	3-5% (4-6 oz/US gallon)	5.0 – 5.3	800 – 1000 above water

PACKAGING

Plastic Jug 2.5 US gallon 9.46 L