

## LED-UV Plus PQR

### Highly Reactive for LED UV, LE, HR, and H-UV

The LED-UV Plus PQR is a high reactivity free radical system especially developed for UV sheetfed presses equipped with Low Energy dryers (wavelength output: 385 nm).

The advantage is that there is no heat development on the lamp thus the stack temperature is similar to that of conventional inks.

#### Further advantages of this system are:

- Environmentally friendly system
- High colour strength
- Suitable for paper and board, non-absorbing substrates must be tested upfront.
- Compatibility with all types of dampening systems
- Inks remain very stable on the rollers
- Highest rub-resistance
- Very high reactivity / Very fast curing
- Reactivity is influenced by the substrate, efficiency of the lamps and reflectors, the thickness of the ink layer, colours and superposition, etc.
- Ideal for temperature sensitive substrates

|                         |                 | Light | Transp. | Sprit | Nitro | Alkali |
|-------------------------|-----------------|-------|---------|-------|-------|--------|
| LED-UV Plus PQR Yellow  | (AD04LFC300Y.2) | 5     | +       | +     | +     | +      |
| LED-UV Plus PQR Magenta | (AD04LFC300M.2) | 5     | +       | +     | +     | -      |
| LED-UV Plus PQR Cyan    | (AD04LFC300C.2) | 8     | +       | +     | +     | +      |
| LED-UV Plus PQR Black   | (AD04LFC300K.2) | 8     | -       | +     | +     | +      |

+ Properties given, - Properties not given

#### Important note of usage:

Because of the vast variety of substrates on the market, in-house pre-runs are advised to determine the adhesive properties. Should you require any assistance, please do not hesitate to contact our technical engineers.

*This technical instruction sheet is designed for your information and reference. It is based on and conforms to our current knowledge. However as actual application is affected by many factors over which we have no control, we are not liable for printing failures.*