

UV-Allround XP

for absorbing and non-absorbing printing substrates in sheetfed and Web offset

The UV-Allround XP process series is a highly versatile range of UV curable lithographic inks designed for outer surface printing of carton board and foil boards, selected plastics and non-absorbent substrates.

Other fields of application of this series are coated and uncoated boards and papers. The UV-Allround XP series can be used on sheetfed offset printing machines and Web offset.

Properties:

- **Sheetfed or web offset printable**
- **Extensive colour range, including resistant colours**
- **Adhesion to a wide range of paper, board and synthetic substrates**
- **Excellent dot gain and trapping properties for high print quality, including reversed out print**
- **Suitable for in-line or off-line coating, foil stamping and lamination**
- **Formulated in accordance with the EuPIA Exclusion policy for printing inks and related**

Item	light	transp.	spirit	nitro	alkali
UV-Allround XP Process Yellow (AD04CUF110Y.3)	5	+	+	+	+
UV-Allround XP Process Magenta (AD04CUF110M.3)	5	+	+	+	-
UV-Allround XP Process Cyan (AD04CUF110C.3)	7	+	+	+	+
UV-Allround XP Process Black (AD04CUF110K.3)	7	-	+	+	+
Light Fast					
UV-Allround XP Process Yellow LF	7	+	+	+	+
UV-Allround XP Process Magenta LF	6	+	+	+	+
UV-Allround XP Process Magenta LF	7	+	+	+	+

+ property given, -property not given

Applications:

UV-Allround XP inks are intended for use in the following areas :

- **Paper and carton board, non-food packaging**
- **Luxury packaging, such as liquor or cosmetic cartons**
- **Plastic packaging, on appropriately selected substrates**
- **Paper and top coated plastic self-adhesive labels**
- **Appropriately selected sleeve plastics, including shrinkable plastics**

UV-Allround XP inks are **not** suitable for use in the following areas:

- **Primary packaging for food, where the packaged goods are in direct contact with the non-printed side of the packaging, e.g. juice or milk cartons**
- **Microwave or oven able applications**
- **Direct food contact, or where low migration properties are demanded due to pack design or the nature of the packaged goods due to the risk of direct contact**

The Deutsche Druckfarben UV-Allround XP inks are formulated in accordance with EuPIA Exclusion policy for printing inks and related products. In particular, this excludes from use all materials classified according to the CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures as carcinogenic, mutagenic or toxic for reproduction in categories 1A or 1B with hazard statements H340, H350 or H360, in addition to toxic or highly toxic materials with hazard statements H300, H301 *, H310, H311 *, H330, H331, H370 or H372* (* may be permitted if safe use can be demonstrated following risk assessment). Pigments based on compounds of Sb, As, Cd, Cr (VI), Pb, Hg, Se, certain dyes, solvents, plasticisers and miscellaneous materials are also excluded.

Important note of usage:

UV-Allround XP series are suitable for use on paper and carton board and a wide range of non-absorbent substrates. Corona treatment is recommended for non-top-coated plastic substrates to ensure an optimum treatment level of 38-44 mNm⁻¹.

Note: there is significant variation between different grades of substrates. The printer should follow specific advice from their substrate manufacturer and make any tests necessary to prove performance under realistic conditions before commencing with commercial printing.

Storage:

UV inks have a limited shelf life. In case of appropriate storage at 20 °C and protected from direct sunlight, we guarantee a shelf life of 12 months.

This Product Data 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.