

**High Quality
rigid PVC Films
for Digital Printing**

For over 50 years, Bilcare Research has continued to be one of the worlds leading manufacturers of Rigid PVC films for the Printing Industry. We offer excellence in films for screen and offset printing; we also offer the best products for the different demands of Digital Printing.

Digital Printing has evolved to an important position in the print market and the following technologies can now be separated into:

- 🔥 **Ink jet** – propelling variably-sized droplets of liquid onto the medium, e.g. piezoelectric technology
- 🔥 **Toner based** – solid or liquid

And within the above a selection of:

- 🔥 **The drying process e.g.** UV, IR, solvent, mild solvent
- 🔥 **Feeding:** Reels or flatbed

Extensive tests and working closely with our customers have proved the suitability and unfailing consistency of our printing films for nearly any digital printing press. To make your product unique, you can choose from a vast variety of different surfaces – please contact us.

For toner based print presses we recommend the use of coated PVC film and are pleased to suggest competent partners. (Exception: For laser printing technologies, PVC is not a suitable product.)



**Technical
Information
Digital Printing
Films**

Thickness range	0,100 – 0,800 mm (surface-dependent)
Reel widths	200 – 2,000 mm (surface-dependent)
Min. reel length	50 m
Min. sheet size	210 × 297 mm
Max. sheet size	1,600 × 2,600 mm (Surface 3043)
Standard colours	white and transparent
Standard surfaces	matt / matt (505R, max. 1,400 mm wide) semimatt / matt fine embossed (3043, max. 2,000 mm wide)

Specialty Films Solutions

Staufen Films for Digital Printing

**Bilcare's Staufen
films are
successfully printed
on the following
Digital Printing
presses:**



Quality

Environmental Sustainability and Product Safty

Brand	Machine Type
Printing films without coating	
Agfa-Dotrix Agfa/Thieme	The Factory, Transcolor, Modular MPress Tiger, MPress Leopard
Asbru	Asbru V4C
Durst	Rho 160, Rho 320R, Rho 600, Rho 800
Inca	Columbia, Eagle, Onset
HP Scitex / NUR	FB 6100, FB 910, FB 7500, FB 8350, Tempo, Vee Jet +, Turbo Jet
OCÉ	Seiko IP 4500
Mimaki	JV3-160S, JV5
Efi Vutek	Ultra Vu 2360, Press Vu 180/360 Press Vu 180/600, Press Vu 200/600 QS 2000, QS 3200, QS 3220 GS 2000, GS 3200, GS 5000
Zünd	UV Jet 215 Combi, UV Jet 215 Plus
Printing films with coating	
HP Indigo	S 2000, WS 4050
Xerox	Igen 3

Printing results will depend on the press settings and ink systems. Experience matters and our Technical Team are at your service to support you and answer all your individual questions.

- Our production sites are ISO 9001 : 2008 certified.
- PVC films can be recycled into reusable material as well as to win back new energy.
- Bilcare's Staufen PVC films contribute directly to protecting our global natural resources due to it being mainly made up of salt (57%) rather than crude oil.
- Bilcare's Staufen PVC films are free of polycyclic aromatic hydrocarbons, phosphor, phthalate plasticisers, cadmium and lead stabilisers.
- The majority of our films satisfy food contact requirements as stipulated by the EU Regulation (EC) No. 10/2011 (article 16, 22 and relative amendments).

We are manufacturing specialists. Talk to us ... now !

Bilcare
Research

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