

## Print-Related Data for Direct Mail

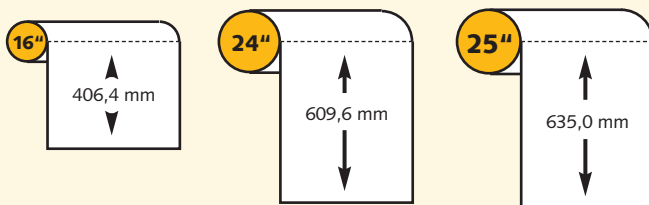
### Printing process

Offset printing (narrow web offset printing)

### Print formats

Max. paper web width: 520 mm

Circumferences of printing cylinders:



Cylinder circumferences and max. printable areas:

**16 inches** = 406,4 mm · Max. motif format 515 x 398 mm

**24 inches** = 609,6 mm · Max. motif format 515 x 601 mm

**25 inches** = 635,0 mm · Max. motif format 515 x 627 mm  
 corresponds to 1 copy DIN A2, 2 copies DIN A3, 4 copies  
 DIN A4 or 8 copies DIN A5

For the maximum motif formats, the technically  
 necessary printfree space 8 mm has already been  
 deducted (for detailed explanations, see top right).

For printed matter, a trimming edge of at least 2 mm  
 must be created in the first cut.

### Printing colours

Up to 10 printing colours (UV) per pass,  
 several passes possible by insetting.

### Printing forms

CTP printing plates, linearized  
 grid width: 153 lpi = 60 l/cm  
 FM screening (satin) possible

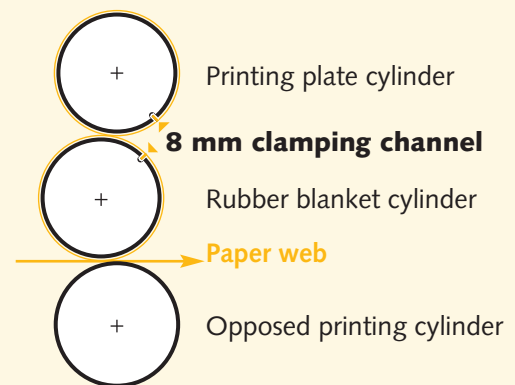
**Tonal value increases** (standardised acc. to ISO 12647-2)

Paper type 1+2: 40% = 9-13-17% 80% = 8-11-14%  
 Paper type 4: 40% = 15-19-23% 80% = 9-12-15%

**Any questions still open? Please contact us!**

### Special feature – clamping channel

Two cylinders of the printing unit have a channel for  
 clamping the printing plate or rubber blanket in place.  
 In the clamping area, this results in a print-free space  
 of **8 mm**, which must already be taken into account  
 for the layout of the printed matter!



### Special further processing options

- Integration of thin plastic cards (Card-in®)
- Integration of labels (Label-in®)
- Integration of safety fields (Hydalam™)
- Dispensing of labels
- Dispensing of magnets (MagAttacks)
- Self-adhesive strips
- Moisture-up rubber coating
- Rub-off compound fields (Discover-it)
- UV (spot) varnishing, fragranced varnish
- Hot foil stamping, blind stamping
- Watermarks
- Inline punching
- Numbering
- Heavy-duty trimming edge on DIN format
- Delivery and shipment on rolls  
 (max. diameter 1270 mm, core diameters 70, 76,  
 150 and 200 mm)