

Basics

Printing logo and dust control mats with **CHROMOJET** has become very popular during the last 20 years. A typical logomat construction is made of a high-twist nylon, tufted on nonwoven polyester backed with NBR rubber. Dyes with high wash fastness and good light fastness are used for printing. Perfect penetration is required to avoid undyed yarns.

Printing Methods



Printing on Roll-to-Roll carpet

This is the most popular and efficient method. The mat designs are printed on tufted carpet without backing. After the printing process, the mats are cut out either manually on a cutting table, or by using an automatic cutter controlled by a camera which scans the outline of the mat.

Printing on individual mats with backing on

This is a method for small quantities. The white mats are placed manually onto the conveyor belt of the **CHROMOJET** using the integrated positioning device.



Printing Technology



CHROMOJET.PRINTER

| 76 dpi Process color printing (CMYK)

This printer is using 16 basic colors. In combination with [SUPRAPRESS](#) even mats with extremely high pile can be penetrated perfectly.

- Almost unlimited number of colors
- Good penetration - especially in combination with [SUPRAPRESS](#)
- For a wide range of products



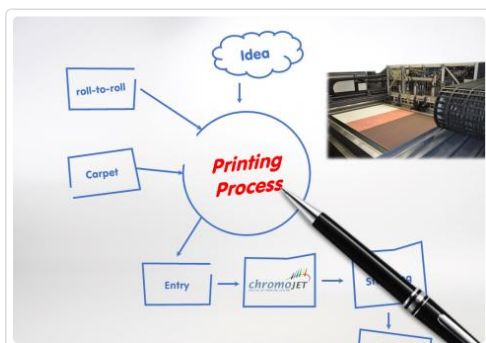
CHROMOJET.PRINTER

| 25 dpi spot color printing

This printer works with a set of standard colors which provide perfect penetration and deep shades on all colors. Printers are available with 16, 24, 32 and 48 colors. More colors produce even more delicate designs and reduce the efforts of color change.

- Full penetration on all shades
- Special colors like neon can be printed
- No dithering

Printing Process



Tufted Nylon mats

The **CHROMOJET** printing systems designed especially for the mat industry are capable of printing mats with a width of 2,200 or 2,700 mm.

Main steps of the production process:

- Entry with unrolling, pre-steaming or pre-washing, center guiding
- Printing with **CHROMOJET** and immediate steaming for about 5 minutes at 100°C / 212°F
- Washing
- Drying

Get more information from our PDF leaflets: