



Basics

- Promotional carpets are normally printed on a 2,200 mm wide **COLARIS** or **CHROMOJET⁸⁰⁰**.
- PROCESS COLOR printer
- Velour and heat-set type tuft constructions out of Polyamide are used as basic cloth
- A non-woven primary backing is recommended as secondary backing, offering easy cutting and giving stability
- The carpet is normally backed using a dark, high-density gel foam

Printing Technology



CHROMOJET.PRINTER

| 76 dpi process color printing using 14 basic colors

- Offers good penetration, especially in combination with [SUPRAPRESS](#) penetration system; also suitable for high-pile products
- Special dyes may be used
- Up to 2 colors may be filled with pre-mixed spot colors



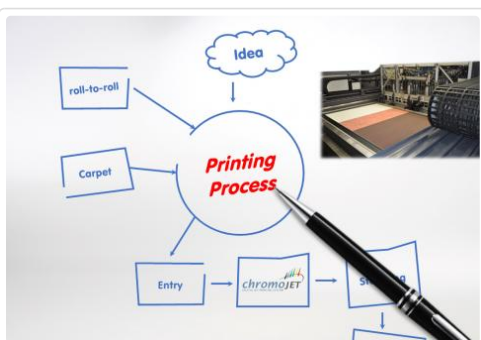
COLARIS.CARPET PRINTER

| Inkjet printing

COLARIS is the most flexible and efficient solution for the promotional carpet and mat industries

- High productivity of up to 5 m/min with 2,000 mm printing width
- 4 basic colors (CMYK) can generate unlimited numbers of shades and colors
- Ready-for-use inks - no color kitchen required
- Good penetration up to a pile weight up to 1,000 g/m²

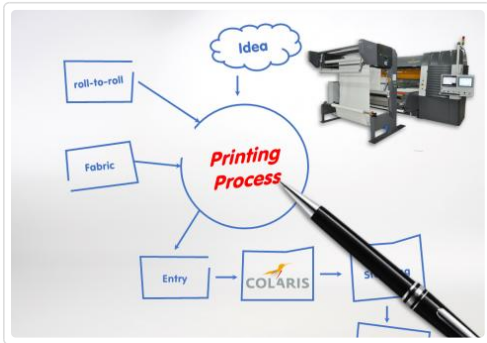
Printing Process



CHROMOJET printing on Polyamide (Nylon) and cationic dyeable Polyester carpets

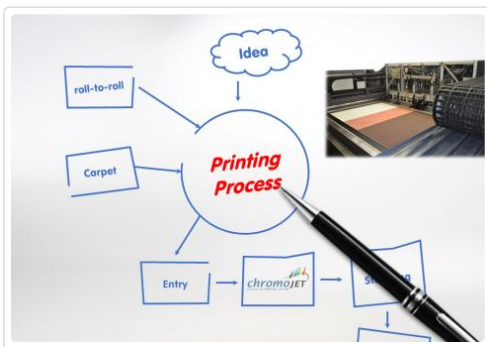
- Carpet preparation with unrolling, pre-steaming or pre-washing, guiding
- Design printing with **CHROMOJET**
- Steaming for about 5 - 8 minutes
- Washing and vacuum extraction
- Application of stain-blocker, followed by optional steaming and washing
- Drying (double-impingement dryer or flow-through dryer)

- Accumulator, winder



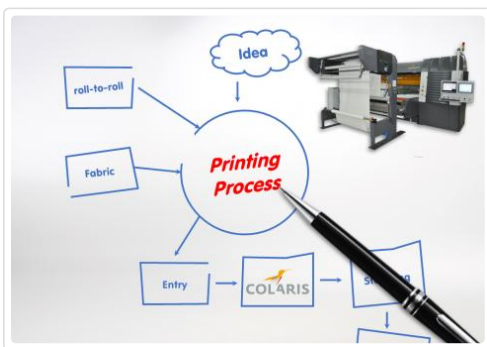
COLARISprinting on Polyamide (Nylon) and cationic dyeable Polyester carpets

- Carpet preparation with unrolling, pre-steaming or pre-washing, guiding
- Digital pre-coating with **CHROMOJET**
- Design printing with **COLARIS**
- Penetration enhancement with [SUPRAPRESS](#)
- Steaming for about 5 - 8 minutes
- Washing and vacuum extraction
- Application of stain-blocker, followed by optional steaming and washing
- Drying (double-impingement dryer or flow-through dryer)
- Accumulator, winder



CHROMOJETprinting on Polyester carpets with tufted on nonwoven Polyester primary backing

- Carpet preparation with unrolling, pre-steaming or pre-washing, guiding
- Design printing with **CHROMOJET**, with minimum pick-up
- Penetration enhancement with [SUPRAPRESS](#)
- Drying at 130°C / 266°F
- Heat-fixation in a stenter for about 2 minutes at 180°C / 356°F
- Reductive washing and vacuum extraction
- Drying
- Accumulator, winder



COLARISprinting on Polyester carpets with tufted on nonwoven Polyester primary backing

- Carpet preparation with unrolling, pre-steaming or pre-washing, guiding
- Digital pre-coating with **CHROMOJET**
- Design printing with **COLARIS**
- Penetration enhancement with [SUPRAPRESS](#)
- Drying at 130°C / 266°F
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- Reductive washing and vacuum extraction
- Drying
- Accumulator, winder

Get more information in our PDF's: