

For hotmelt and UV cross-linked acrylic adhesive application **PAK 400, 400 C, 400 D**

All types are robust, versatile roller, die and curtain coaters for the application of hotmelt and UV cross-linked acrylate adhesives. They are the ideal solution for all requirements, regardless of whether the coating is to be over the whole surface or in strips,

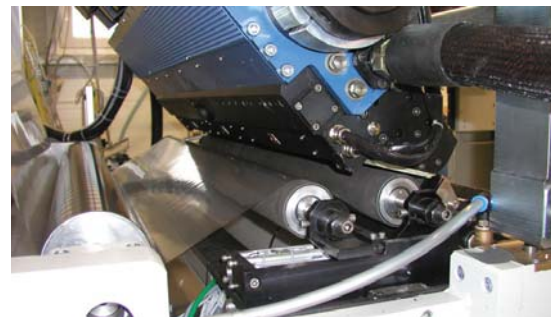


400 – roll coating method

The advantages of the PAK 400 roll coating method:

- Overhead arrangement of 2 or 3 roller application and proportioning
- Working width controls the volume of adhesive in the applicator
- Tight application tolerances through ultra-precise ceramic rolls
- Precise adhesive transfer by small pressure roll and coolable support roll
- Short cleaning times and fast change of adhesives
- Adhesives applied in parallel running or reverse mode

on paper or transparent films. With the PAK 400 roller coater, PAK 400 C curtain coater and PAK 400 D die coater we meet the highest requirements for superior performance and product-specific solutions.



400 C – curtain coater

The advantages of the PAK 400 C curtain coating method:

- Application of a hotmelt and UV-curing acrylate adhesive over the coating width, using a flat sheet die (T die)
- Non-contact contour coat on the substrate
- Broad spectrum of coating weights
- No abrasion of die lips by substrate
- High application speeds
- Web path reduces air bubbles

We do not see roller, curtain and die coating methods as rivals – on the contrary, they complement one another.



400 D – die coating method

The advantages of the PAK 400 D die coating method:

- Integration of dies proven in world-wide practice, only from reputable manufacturers
- Changeable lip version with roller bar and different lip geometries
- high-precision adjustment system for clearance, angle and pressure
- Mounted in trolley for fast changes of the die system
- Modular design for coating thermoplastic films

The versatile top performer in the hot-melt and UV cross-linked arena

The PAK 400 is used for self-adhesive products in the following areas:

Labels:

- Paper
- Foil
- Film

Adhesive tapes:

- Packaging
- Office supplies
- Decoration
- Double-sided carpet tape
- Adhesive bandages
- Bandages/medical patches
- Edge strips
- Foam bands etc.
- Insulation

Technical data and main selection criteria

	400	400 C	400 D
Working width	600 - 2,100 mm	600 - 3,300 mm	600 - 3,000 mm
Working speed	up to 400 m/min	up to 600 m/min*	up to 1,000 m/min*
Viscosity	2,000 - 150,000 mPas	5,000 - 50,000 mPas	2,000 - 500,000 mPas
Min. coating weight	approx. 18 g/m ²	approx. 2 g/m ²	approx. 8 - 10 g/m ²
Max. coating weight	approx. 100 g/m ²	approx. 100 g/m ²	approx. 200 g/m ²
Texture-free and highly transparent adhesive application	no	yes	yes
Stretching properties	important	important	no
Fast cleaning	yes	no	no
Abrasive adhesives	very suitable	suitable	suitable in some cases
Setup times	short	longer	longer

(* depending on viscosity; the speeds that can be achieved should be verified through test runs)

The modular structure that is typical offers nearly unlimited possibilities when it comes to designing, expanding, and operating your system, including in inline operation.

- Inline with siliconization, top coat and primer application, depending on application system, already up to 1,000 m/min. with hotmelt
- Upstream flexo/gravure printing unit with convection drying or UV curing



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