

[Non-stick coatings]

wink non-stick coating for flexible dies minimises adhesive and ink residue on the cutting edge and die surface, ensuring an uninterrupted manufacturing process. The flexibility and magnetic adhesion of our dies are not at all impaired by our non-stick coatings!

We offer you **four different non-stick coatings**, which are optimised for specific applications.

It is also possible to apply our non-stick coating on solid rotary dies and equipment (e.g. ink trays, guide rollers).

Please also see our additional data sheet for detailed information on our non-stick coatings.



Picture: Non-Stick BLACK

NON ■ STICK

Advantages

- adhesive and ink residues on the cutting edge are minimised
- perfect and clean die-cutting results
- time saving due to less cleaning efforts
- longer tool lifetime
- can be combined with MC coating and laser hardening on flexible dies



Important information for the use of dies with non-stick coating:

Flexible dies with non-stick coating require a “running in” phase whereby the non-stick coating is removed from the very tip of the cutting edge. During this “running in” phase the cutting/stripping result may not be perfect, but this is only temporary. After this process completely normal operation of the flexible die is assured.

Fig. 1:

The non-stick coating is applied to the entire surface of the flexible die.



Fig. 2:

The top of the cutting line will be free of the coating after a short „running in” period.



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Four variants for flexible dies, rotary dies and accessories

Our non-stick coatings help you to minimise troublesome residues on your cutting tools and other equipment and to boost your efficiency.

In co-operation with renowned material suppliers and research institutes, the wink R&D department has developed four non-stick variants which are perfectly fitted for your individual needs.

If you are not sure which non-stick coating is the best one for your specific application, please contact our customer service who are only too happy to give you advice.

Properties of our non-stick coatings

				
NON STICK	BLACK	GREY	WHITE	SILVER
Typical application (recommended)	Standard labels	Standard and multi-layer-labels, hotmelt adhesives	Multi-layer-labels, hotmelt adhesives	Protection plates (sheet-fed offset), ink trays
Non-stick vs. adhesives	● ● ●	● ● ● ● ●	● ● ● ● ●	● ●
Non-stick vs. ink	—	●	● ●	● ● ● ●
For flexible dies	✓	✓	✓	✓
- with laser hardening	✓	✓	✓	—
- with MC coating	✓	✓	✓	✓
For solid rotary dies	—	—	✓	—
Production time	24 h	24 h	48 h	24 h