

Cleaning blade

The CLOUTH®-SOFT is a cleaning blade made of spring steel with non-woven fabric strip.

Take these precautionary measures to prevent injuries.



Safety instructions

- Only fit the CLOUTH®-SOFT when the machine is switched off and stationary.
- Depending on the length, the cleaning blade must always be inserted by at least two people.
- Never roll up the cleaning blade below Ø 75 cm. Danger of injury if the winding slips apart.

CLOUTH®-SOFT



Version, technical data

- Carrier blade made of spring steel
- Fibre fleece strips available in various grain sizes
- Heat resistance up to max. 100° C

Standard dimensions*

Thickness mm (inch)	Width mm (inch)
0.4 (0.016)	50 (2), 76,2 (3), 84 (3.3)
0.5 (0.020)	50 (2), 76,2 (3), 84 (3.3)

* Available in individual widths and thicknesses on request

Proper use

The CLOUTH®-SOFT is a cleaning blade made of spring steel with fibre fleece strips and is used for cleaning roll/cylinder surfaces in the tissue, paper and steel industries. It can also be used in other production machines where roller/cylinder surfaces need to be cleaned.

The cleaning blade is inserted into an existing doctor blade holder.

The top or bottom of the cleaning blade can be fitted with moulded springs, bars or rivets to hold it in place and prevent it from falling out of the doctor blade holder.

The length of the cleaning blade depends on the maximum roller/cylinder length to be cleaned and may have a length of 12 m, for example.

The CLOUTH®-SOFT can be precisely adapted to any application position thanks to the various abrasives with different grit sizes.

If the cleaning blades are targeted at other positions on the machine, the manufacturer must be consulted!



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Foreseeable misuse

- Improper use.
- Operation without or with insufficient protective equipment.

Delivery, storage and transport

- Check the delivery for completeness and external integrity using the delivery note. In the event of transport damage, contact us immediately.
- Store the CLOUTH®-SOFT protected from the weather and damage in a clean, dry place.
- Pack CLOUTH®-SOFT in the supplied box for transport. Exercise extreme caution when winding or unwinding. When the windings slip apart, enormous forces are released and there is a danger of injury. The cleaning blades must not be rolled up below Ø 75 cm. Always make sure that the fibre fleece strip in the roller is facing outwards when winding.

Installation

The cleaning blade is installed by persons who have been explicitly commissioned to do so, are authorised and have received the corresponding training/instruction. The operating company is responsible for defining how much support is required from the manufacturer during installation.

Operation

Before inserting the CLOUTH®-SOFT, it must always be visually inspected for damage.

An optimum cleaning effect is achieved during standstills at creep speed to remove dirt from roller/cylinder surfaces.

Reduce the pneumatic pressure as much as possible and constantly moisten the roller/cylinder surface.

- Place the CLOUTH®-SOFT in the cleaning or creping position at low pressure and run the PM 100-150 m/min (Yankee at 350-500 m/min). Ideally, a slight water build-up/film forms on the roller/cylinder surface upstream of the cleaning blade.
- To achieve an optimum cleaning effect during standstills, remove the CLOUTH®-SOFT from the doctor blade holder after a short running time and clean the fibre fleece strip with a high-pressure cleaner.
- Then push the CLOUTH®-SOFT back into the doctor blade holder and place it back in the cleaning position with little pressure.

Repeat the process as often as necessary.

Cleaning over a time frame of 30-60 minutes is possible.

After using CLOUTH®-SOFT, the dried dirt adhering to the fleece can be removed using a high-pressure cleaner.

The CLOUTH®-SOFT can also be used continuously like a conventional doctor blade. Continuous use in dirt-prone positions is possible.

Maintenance and cleaning

The CLOUTH®-SOFT is maintenance-free.

After removing it from the doctor blade holder, clean the CLOUTH®-SOFT with a high-pressure cleaner. The CLOUTH®-SOFT is then ready for use again.

This process can be repeated several times. If the fibre fleece strip comes loose, the cleaning blade should no longer be used.



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Spare parts

Do not make any changes to the cleaning blade. Spare parts must fulfil the technical requirements defined by the manufacturer. This is always the case when original spare parts are used. In order for us to process your service queries quickly, please have the exact designation and the corresponding serial number to hand.

Environmental protection

The packaging materials are recyclable. Please dispose of the device in accordance with local laws/regulations.

Disposal

Used/worn cleaning blades must be disposed of properly in the intended container in accordance with the local provisions/laws.

The spring steel must be disposed of as scrap metal and the fibre fleece as hazardous waste