

High-performance solutions guarantee clean results

TWE Group nonwovens for liquid filtration have opened the way for new ways of thinking. They filter liquids and catch the solid matter. TWE Group Fluidweb nonwovens have set high standards in liquid filtration. In industrial processes the filter media are required to have universal and economic properties which can be adapted to suit the various types of filter systems.

Our nonwovens can be found in an extensive range of different constructions including gravity, hydrostatic, vacuum and pressure belt filters. They are used predominantly in the metal

working/cutting industry order to clean operating materials/lubricants such as coolants, cutting and rolling oils.

New types of filtering media and deep-filter processes mean a considerable cut in costs due to lower wear and tear, longer operating times and improved preparation possibilities.

We offer a great variety of fibre gradients in order to adjust our products to your individual needs – from coarse to fine.



Pure security: TWE's contribution to clean production processes



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Shape the future: Experience our contribution to a healthy, safe and sustainable world!

So now and in the future, it is our obligation to handle the resources and products around us as responsibly as possible. Our contribution to this are solutions made from intelligent, environmentally-friendly nonwovens with added value. Working with our customers and partners,

we create innovative products that will shape our future quality of life. Using raw materials from recycled PET bottles or from polymer derived from corn oil etc, TWE has a definite responsibility directive. Helping you to heal whilst not wounding the environment is our philosophy...



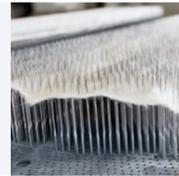
Our production processes



ParaFil®
- Spunbonded polyester/polypropylene nonwoven
- good strength in both directions
- 20-150 g/m²



ParaPrint®
- chemical bonded viscose fibres
- high pore volumes, several degrees of fineness
- 20-60 g/m²



ParaMoll®
- thermally bonded and needled polyester nonwoven
- 3-dimensional deep filter medium
- 35-300 g/m²



ParaJet®
- thermally bonded and hydroentangled polyester nonwoven
- latest generation of 3-dimensional deep filter medium
- 50-150 g/m²

Your benefits:

- maintain clarity of the coolant
- increase lifetime of coolant
- extend tool life
- enhance surface finish
- improve end product quality
- reduction of downtime



Efficient optimization of the filter cake structure

Depending on the type of installation and required filter fineness we can always offer the right filter products to meet our customers' expectations:

For a coarse filtration, where no high filter cake structure is necessary the common two-dimensional nonwovens, such as ParaFil and ParaPrint are very efficient.

In order to filter finer particles more efficient, a nonwoven is required, which allows a filter cake construction that is as high as possible because the structure of the filter cake helps to filter particularly fine particles.

With our three-dimensional filtration nonwovens such as ParaMoll and especially ParaJet, the filter cake already builds up inside the nonwoven and allows a very high filter cake on the surface. The higher the filter cake, the cleaner the result.

The increasingly improved quality in today's production places new demands on the entire process and requires an even finer filtration. Therefore, our engineers have developed the TWE 3D filter nonwoven and our latest development ParaJet evo now allows a deep filtration for the purest results.

