

APPLICATION SHEET

WELDING A FLEECE MEMBRANE

PLASTIC



■ The task

A fleece membrane is to be attached to a medicinal component and the welding must be carried out securely and without any damage to the component.

■ The solution

In this case the task was reliably accomplished using the torsional TSP750 technology. The application runs fully automatically. (No membrane effect!)

■ The advantages

With torsion it is possible to produce secure and leak-free welds even with very thin filter fleeces. The thin fleece is not damaged in any way. When the sonotrode is equipped with a vacuum device, it is possible to lift the pre-punched membrane from a magazine in the same process or to punch the membrane from a tape and, simultaneously, weld it into the component.



The application was carried out on a TSP750 using additional components for the special rigging.

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