

APPLICATION SHEET

CUT 'N' SEAL

ANTISEPTIC DRESSING WITH CATHETER OPENING



■ The task

Antiseptic dressings often consist of a number of different material layers, each with different tasks and requirements; they have to be produced in a variety of shapes using continuous sandwich base material. Depending on the intended use they may have to be produced with an opening for a catheter. This opening has to have neatly cut edges which do not fray.

■ The solution

With the ultrasonic cut 'n' seal process it is possible to cut various shapes out of continuous or other base material and seal the cut edge at the same time. The opening contour for the catheter can be cut and sealed in the same process step.

■ The advantages

From a cost-efficiency point of view, the overall production costs of the cut 'n' seal process are very attractive. The technical advantage of this technology is that the shape of the dressing, including the y-shaped indent for the catheter, can be cut out in one step, including the sealing of all the edges, which prevents the non-woven material from fraying and any particles from entering into the wound.



The application has been produced using a USP8000 welding system / the appropriate components in a bespoke system.

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