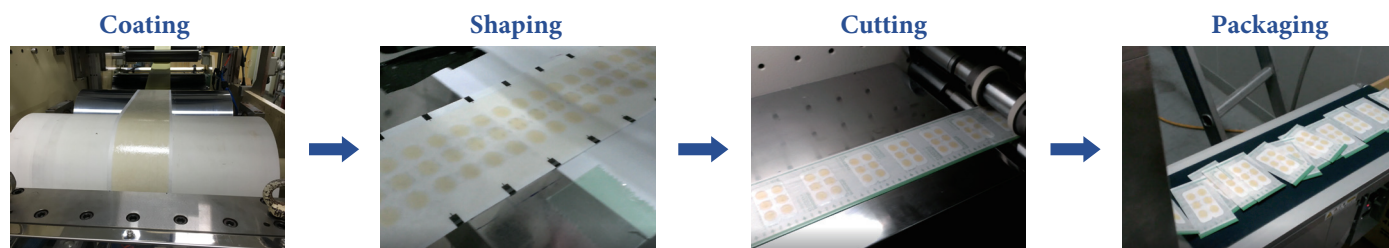


Hotmelt System For Hydrocolloid Dressing Application

Hydrocolloid Dressing Application

Among the commercially available wound dressings, hydrocolloid type products such as scar removal patch, hydrocolloid dressing, and acne dressing, all contain hot melt adhesives. In order to effectively absorb the tissue fluid exuded by the wound, Sodium Carboxymethyl Cellulose (CMC) is added into hydrocolloid products. CMC is able to keep the wound moist after absorbing tissue fluid, and accelerates the formation of cells and wound recovery. During these hydrocolloid dressings production process, mixed CMC and pressure sensitive hot melt adhesive are coated on a PET release films, and then transferred to a PU films. The bonded semi-finished products are shaped, die-cut, and packaged to become a marketable product.



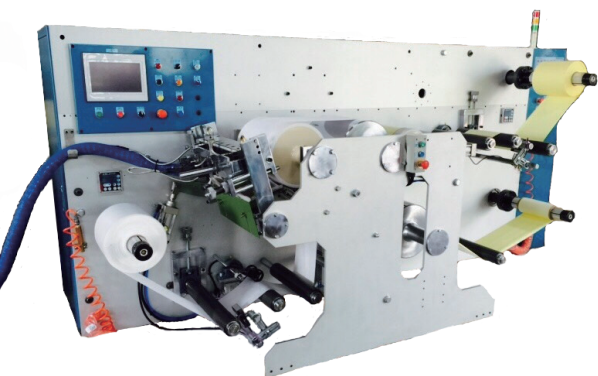
Original Problem

The special adhesive used in these dressings contain additives, like CMC, which increase the viscosity, and is easily chars and precipitates. These additives usually blocks the equipment flow passage, resulted in frequent shut down for equipment cleaning and maintenance, and defected products.

Norda Solution

Norda has profound experience in the hotmelt-based wound dressing applications, and has accumulated many successful cases in the application of scar removal treatment patch, hydrocolloid dressing, and 2D/3D acne dressing. Norda assists customers in planning the entire production process and production line: from the selection of coating materials and equipment, the design and configuration of the coater, and to the final product packaging.

Specifically, Norda's special flow passage design of the coating die and suitable filter selection reduces the equipment blockage from the adhesive char. The total solution not only resolves the problem of defective products and downtime, but also reduces the cost of production for customers. Through the integral production planning, customers can comprehend the process of wound dressings in a short time, and can quickly turn ideas into production.



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