

HyTec® – THE JET STRIP FROM GROZ BECKERT FOR HYDROENTANGLEMENT SYSTEMS



Performance plus quality for hydroentanglement systems

Modern production plants involving production speeds of up to 400 m/min call for the use of top-quality jet strips. Even a minuscule deviation in just one of the many thousand holes can result in a marked or damaged web.

Our innovative new production technique guarantees a totally burr-free product with form-fit jet geometries which are both precise and totally uniform. Produced with sustained, meticulous care and backed by sound expertise in the production of functional components, the new jet strips are supplied by Groz-Beckert in all customary sizes and hole geometries.

Over 150 years of experience and a proven track record of extreme manufacturing precision provide our customers with the assurance of optimum production results and a long service life with jet strips from Groz-Beckert.

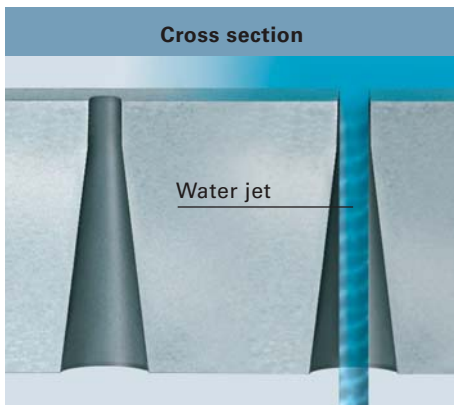
By setting new industrial standards, we aim to help you to optimize your production.

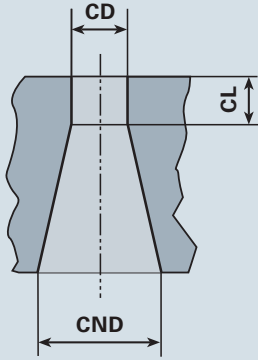


JET STRIP IN APPLICATION

Spunlace technology / Hydroentanglement

Spunlace technology is based on the entanglement of individual fibres by means of a multitude of very fine water jets. In order to create these, water is uniformly distributed across the width of the line at high pressure (30-400 bar) in a so-called jet head and forced through the individual nozzle bores of a so-called jet strip.



| Specifications | |
|---|--|
| Cross-section of hole | 2883x25,4x1,0/1-3939/120R-A G 001 |
|  | |
| 2883 | Overall length |
| 25,4 | Width |
| 1,0 | Thickness |
| 1 | (1)-row, (2)-row, (3)-row |
| 3939 | Number of holes per row |
| 120 | Hole dia. (cylindrical, small) |
| R | Factor (cylinder length relative to hole diameter) |
| A | Style |
| G | Groz-Beckert |
| 001 | Consecutive number |

The water jets created in this way with a diameter of 0.08 to 0.18 mm hit the fibre nap at a speed of up to 280 m/s. The resulting entanglement of fibres produces a condensed nonwoven web.

The spunlace technique uses natural and man-made fibres.

Products manufactured using the spunlace technique:

Medical products:

Surgical clothing, operation cover sheets, wound dressings, gauze

Sanitary products:

Baby wipes, cotton products, cotton wool pads, towels

Home furnishing fabrics:

Table cloths and napkins, curtains

Automotive industry:

Nonwoven webs used for interior linings

Technical applications:

Filter webs, insulating webs, geotextiles, water-repellent cover webs, roofing substrates

Garments:

Protective clothing, sport and multi-purpose clothing

Synthetic leather

THE GROZ-BECKERT JET STRIP IS DELIVERED IN SECURE, DURABLE PLASTIC TUBES.



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