

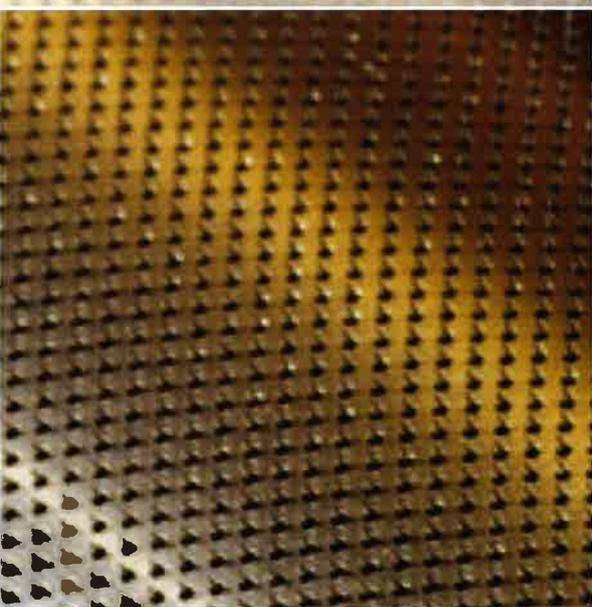


BURCKHARDT
OF SWITZERLAND



Perforated and Laminated Woven Sacks

- From Jute to Paper or Woven Sack and finally to perforated and Laminated Woven Sacks!
- Burckhardt perforating tools for guaranteed air-flow with minimum loss of bulk materials



Perforated and Laminated Woven Sacks

Line applications

- Lamination: Perforation (0.8 pins/cm²) to avoid ballooning
- Perforation of tubular laminated woven sack for air-flow

Types of laminated woven sacks



- Block bottom bag
- Regular woven sacks
- Woven mesh film bags
- Side gusset and pinch bottom woven sacks
- one- or two-ply flat and side gusseted tubes from plastic films, woven fabric and composite materials
- PP woven fabric sacks
- ADstar (Starlinger)
- AD ProTex (BSW)

Industries – powder and bulk materials

- all types of free-flowing goods
- cement
- building materials
- fertilizer, seeds
- chemicals, resin
- food (flour, sugar, rice)
- pet food / animal feed «pellets»

Machines using Burckhardt perforating equipment

- Starlinger, ad*starkon
- BSW/W&H converTex
- Lohia valvomatic
- many others



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High density perforating roller for maximum performance



Long life-time groove perforation rollers

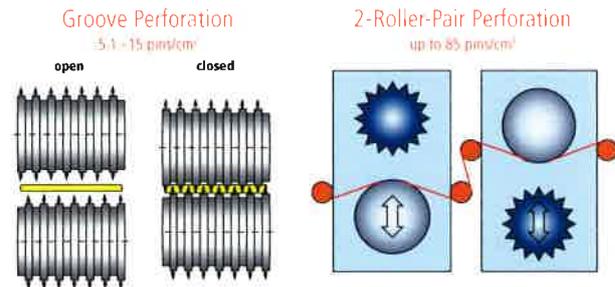


Pictures Courtesy of Starlinger & Co GmbH

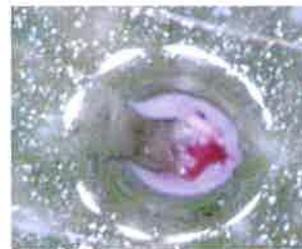
Perforation set-up

The development goes in the direction of achieving the same open area but with smaller holes allowing less material escape. Therefore the number of pins per cm² is steadily increasing:

- Traditional – groove perforation (5.1 pins/cm²)
- Standard perforation (11 pins/cm²)
- «Nano-Perforation» (64 pins/cm²)
- High Density perforation (>84 pins/cm²)



Perforation hole



Micro holes of Ø20–200µm allowing air-flow without loss of filling goods

OEM tools for maximum performance and longest life-time

For further information do not hesitate to call us or our agent in your country!

Find us at www.burckhardt.com