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 convetex
- Lohia valvomatic
- Many others

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)

Groove Perforation
\[
\text{open} \quad \text{closed}
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2-Roller-Pair Perforation
\[
\text{up to 88 pins/cm²}
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Perforation hole

Mico 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!

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