

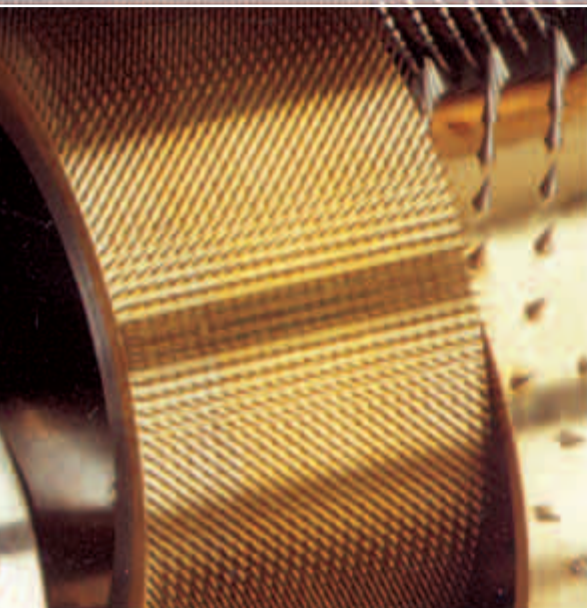


**BURCKHARDT**  
OF SWITZERLAND



## **Perforation Services**

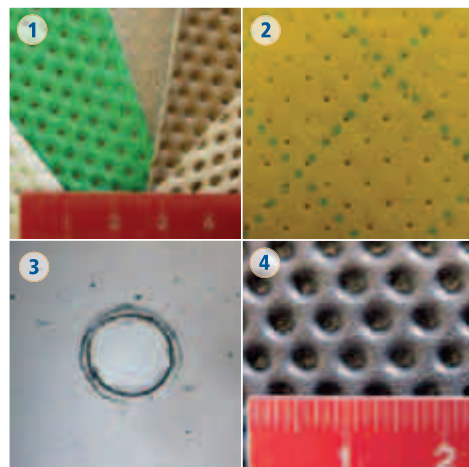
- Consulting
- Product Development
- Pilot Run / Zero Series
- Contract Perforation



## Perforation services

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<b>Maschine</b>	<b>Roll to roll perforation machine:</b> – Winding up – Hot or cold-perforation – Slitting – Unwinding
<b>Perforating width</b>	Up to 1'600 mm
<b>Reel diameter</b>	Maximum 800 mm
<b>Core diameter</b>	Standard 3" (76 mm), other dimensions on request
<b>Reel weight</b>	Maximum 800 kg
<b>Perforation-rings</b>	Range of density up to 150 needles/cm <sup>2</sup> Needle diameter 0.05–3.0 mm
<b>Micro perforation</b>	Hole Ø 0.02 mm to 0.1 mm
<b>Macro perforation</b>	Maximum hole Ø 3.0 mm
<b>Counter roller</b>	Brush, rubber, felt
<b>Heating</b>	Internal- or external heating
<b>Heating temperatures</b>	Up to 300 °C (measured on perforation rings)
<b>Line speed</b>	Maximum 150 m/min
<b>Perforation materials</b>	Plastic: oPP, PET, PS, PVC, PE, others. Aluminium Leather, artificial leather Nonwoven, nonwoven-laminate (20–90 gsm)



- 1 Different hole-shapes
- 2 Cleaning wipe
- 3 Hot perforated hole (oPP film)
- 4 3D Perforation
- 5 Tear-off perforation
- 6 Cushion material

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