

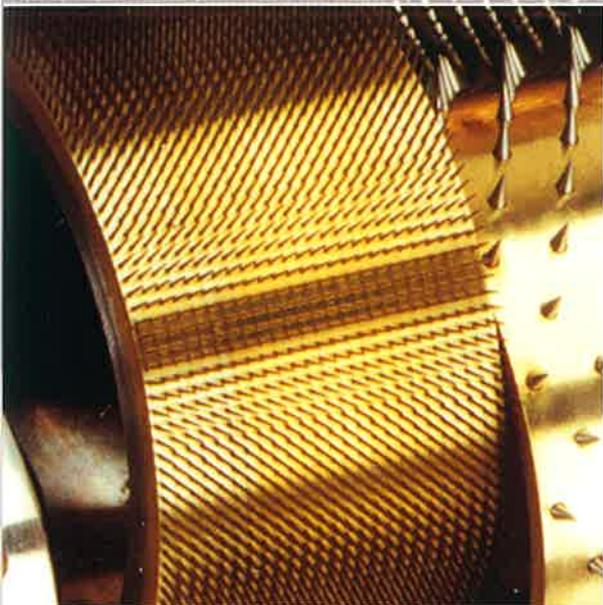


BURCKHARDT
OF SWITZERLAND



Perforation Services

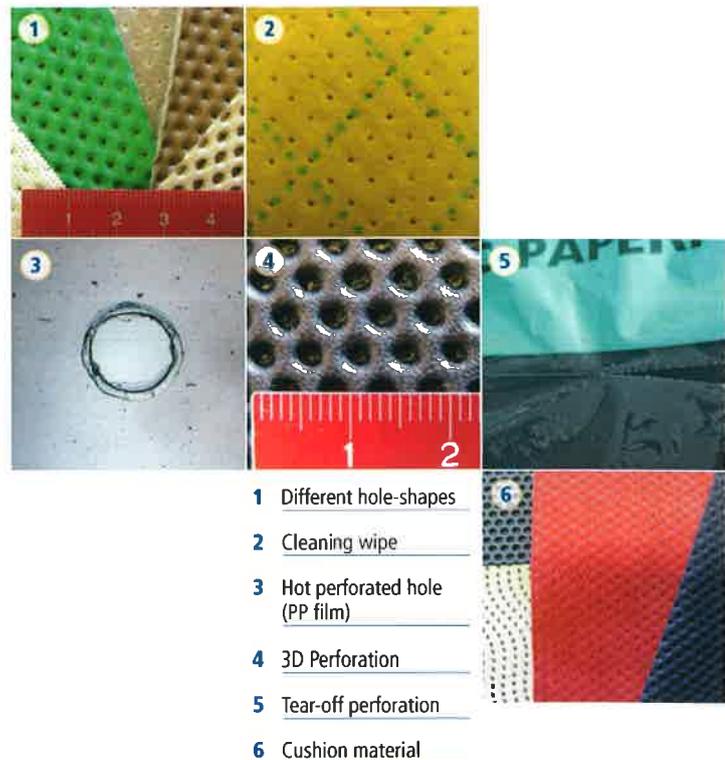
- Consulting
- Product Development
- Pilot Run / Pilot Production
- Contract Perforation



Perforation services

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Machine	Roll to roll perforation machine: – Unwinding – Hot or cold-perforation – Slitting – Rewinding	
Perforating width	Up to 1'580 mm	
Reel diameter	Maximum 800 mm	
Core diameter	Standard 3" or 6" (76 mm or 152 mm) Other dimensions on request	
Reel weight	Web Width	Max. Roll weight
	1'600 – 1'200 mm	500 kg
	1'000 mm	400 kg
	800 mm	300 kg
Perforation-rings	Range of density up to 150 needles/cm ² Needle diameter 0.05–3.0 mm	
Micro perforation	Hole Ø 0.02 mm to 0.1 mm	
Macro perforation	Maximum hole Ø 3.0 mm	
Counter roller	Brush, rubber, felt, special rollers	
Heating	Internal- or external heating	
Heating temperatures	Up to 300 °C (measured on perforation rings)	
Line speed	Maximum 150 m/min	
Perforation materials	Plastic: BOPP, oPP, PET, PS, PVC, PE, others. Aluminium Leather, artificial leather Nonwoven, nonwoven-laminate (20–90 gsm)	



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