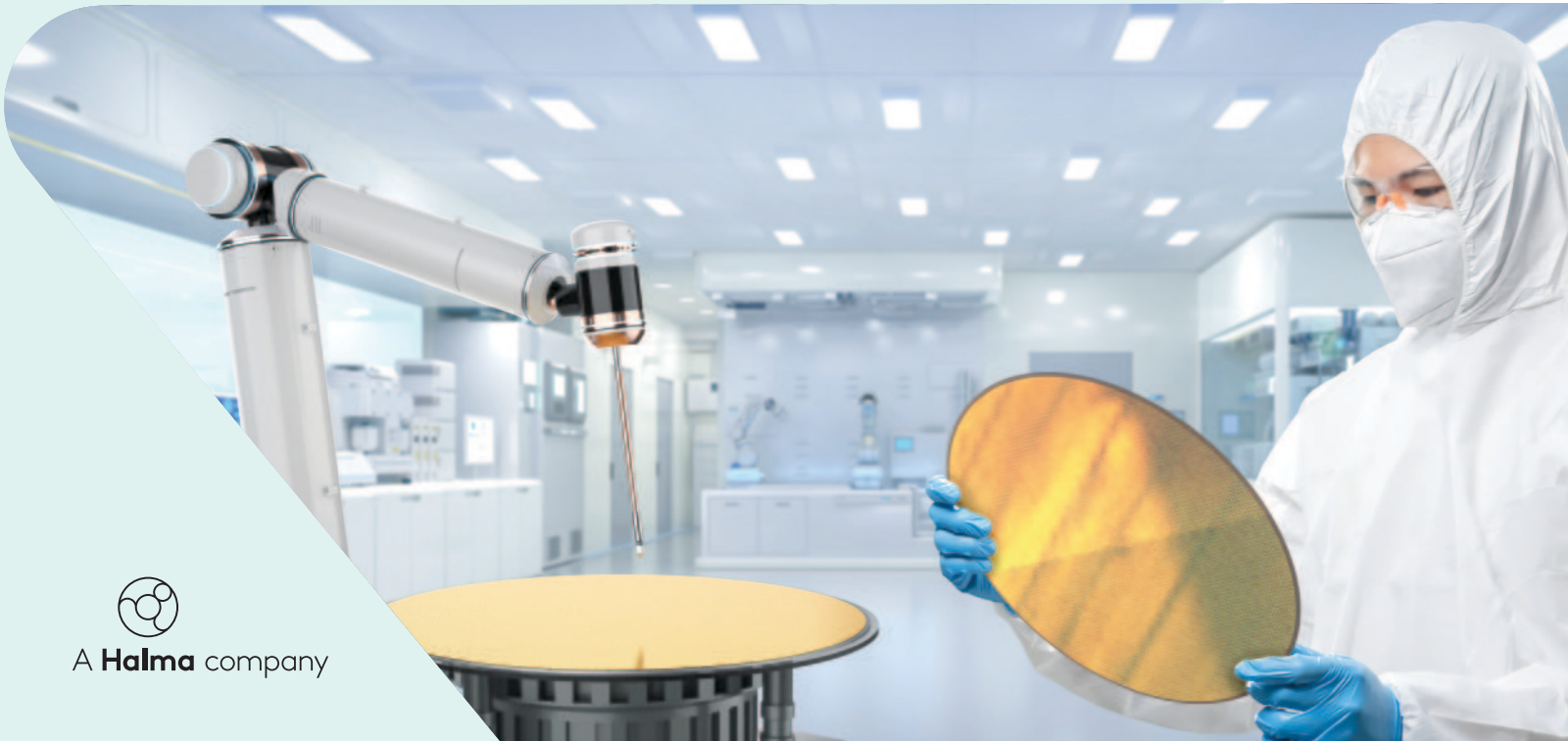
OsecoElfab

OEPure™

Specialist Rupture Discs for High-Purity Environments



A Halma company

Specialist pressure relief to raise yield and reduce contamination risk

- **Protect Process Integrity** with rupture discs for rapid, full-bore emergency relief.
- **Reduce Contamination Risk** with leak-tight, corrosion-resistant designs.
- **Protect Valves** and extend maintenance cycles with an upstream rupture disc.
- **Raise Yield** with high-performance rupture discs.
- **Build a Partnership** and work directly with our dedicated engineers.

- Polysilicon Manufacturing
- Ingot Growth / Crystal Pulling
- Wafer Slicing & Polishing
- Wafer Fabrication
- Pure Water Applications
- Wet Chemical Systems
- Gas & Chemical Delivery
- Slurries
- Scrubber & Abatement Systems
- Exhaust Systems

Protect process integrity and improve uptime with **solutions you can trust**

One-Piece Safety Cartridges

- When leak tightness is critical
- Single cartridge enables fast installation and changeouts
- Standardized cartridge is scalable across fabs
- High-cycle reliability in repetitive processes
- Long lifetime with reduced replacement frequency

Two-Piece Safety Cartridges

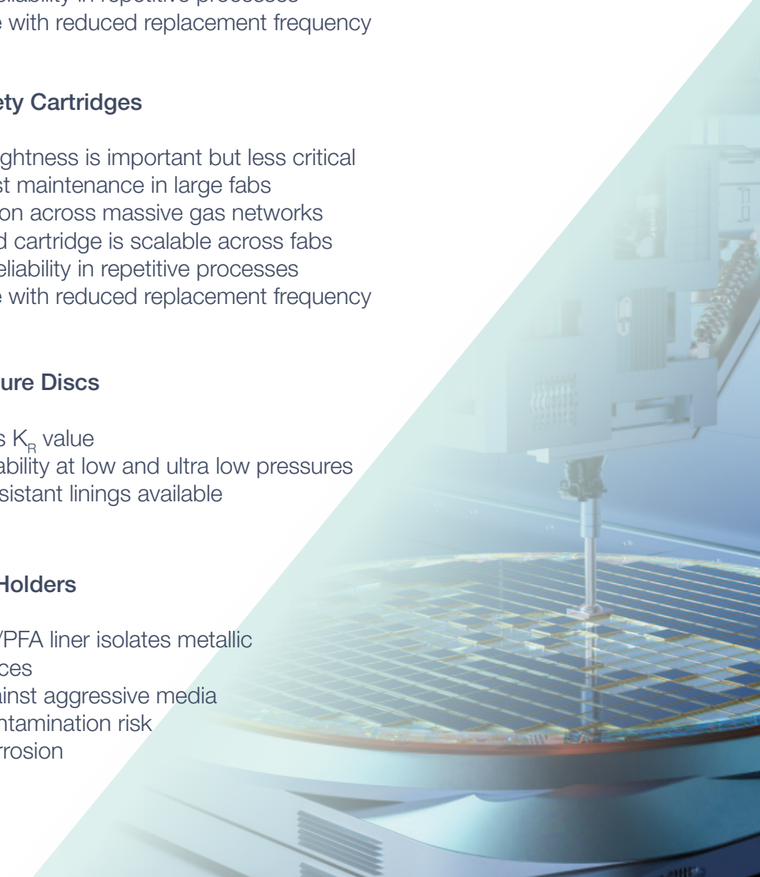
- When leak-tightness is important but less critical
- Supports fast maintenance in large fabs
- Leak reduction across massive gas networks
- Standardized cartridge is scalable across fabs
- High-cycle reliability in repetitive processes
- Long lifetime with reduced replacement frequency

Specialist Rupture Discs

- Best-in-class K_R value
- Superior reliability at low and ultra low pressures
- Corrosion resistant linings available

Teflon Booted Holders

- Teflon/PTFE/PFA liner isolates metallic holder surfaces
- Protects against aggressive media
- Reduces contamination risk
- Reduces corrosion



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OEPure™

Whether you're designing a new system or improving an existing one, our specialists can help identify the right pressure relief solution for your application.

Start the conversation today

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