

## Vacuum bag

Usable area:

3000 x 1300 mm

3000 x 2000 mm

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Highly flexible, tear-resistant vacuum bag - transparent and fabric-reinforced | welded on three sides, narrow side open | Integrated hose for vacuum connection

Material: PES (DIN EN ISO 2076) coated on both sides | material thickness: 0.50 mm | 550 g/m<sup>2</sup> | Yarn weight: 1100 dtex (DIN EN ISO 2060) | Binding L 1/1 (ISO 3572) | Adhesive strength 16 N/cm | Tensile strength: 1000 N / 50 mm  
Thermal load: min. - 40 °C, max. + 70 °C

- Vacuflex is the high-quality version of the Columbus vacuum bags and guarantees longevity and production safety even when used at the highest level. Furthermore, it amortizes very quickly even at low utilization.
- The vacuum bag is ideal for processing very large workpieces and thus also a perfect complement to a vacuum press. All Columbus presses are equipped with a connector, so that Vacuflex can be directly connected to and operated with them.
- The reinforced, flexible, transparent material is optimally suited for professional use. It provides high performance against wear or tear, minimizing downtime and cost of wearing parts.
- The glass-clear transparent material allows slipped layers or veneers to be recognized immediately and allows rapid intervention during the production process in the event of an emergency. This guarantees production safety and prevents rejects.
- Vacuflex is welded on 3 sides (narrow side open) and contains an air suction line, to which an high-performance vacuum pump can be connected.
- It needs no space while it is not used and can be stowed away everywhere very easily.

## Vacuum pump

**8 m<sup>3</sup> high-performance vacuum pump**

Type: dry running rotary vane pump

Air suction speed: 8 m<sup>3</sup>/h

Pressure: up to 9 t/m<sup>2</sup>

**16 m<sup>3</sup> industrial vacuum pump**

Type: dry running rotary vane pump

Air suction speed: 16 m<sup>3</sup>/h

Pressure: up to 9 t/m<sup>2</sup>

- The high-performance vacuum pumps from Columbus are 100 % oil-free. While conventional oil-lubricated vacuum pumps spread their lubricating oil throughout the entire room as a harmful and surface-contaminating oil mist, Columbus dry-running rotary vane pumps ensure clean and safe production facilities for people, materials and environment.
- High-performance vacuum pumps from Columbus are maintenance-free. This means no expense for servicing - neither time nor cost.