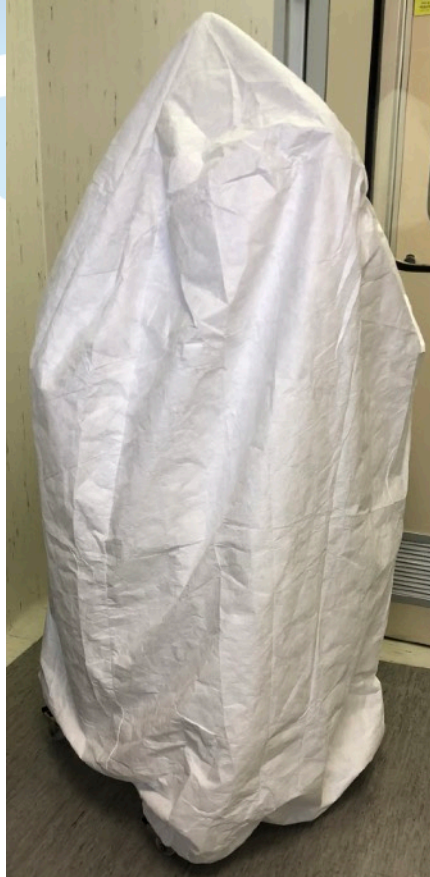


PACKAGING, PROTECTION AND STERILISATION SYSTEMS



PHARMACLEAN[®] CYLINDRICAL COVER

DESCRIPTION

Pharmaclean[®] cylindrical covers, realised in DuPont[™] Tyvek[®]¹ material, are the ideal method for protecting parts of machines, hoppers and other equipment from external contamination in aseptic production areas. These covers prevent the entrance of dust and particles, ensuring a more effective barrier than medical paper. Autoclavable, with low particle release and highly breathable, these covers are moisture and puncture resistant. They are worked in cleanroom and available also in irradiated sterile version.

¹ DuPont[™] and Tyvek[®] are trademarks or registered trademarks of E.I. du Pont de Nemours and Company.



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| PROPERTIES | QUALITY STANDARDS | SPECIFICATIONS |
|--|---------------------|---|
| PHYSICAL PROPERTIES | | |
| Material | | Tyvek® (Spunbonded Olefin) Type 1422A |
| Weight | DIN EN ISO 536 | 39.0-44.0 gr/mq |
| Thickness | | 140 micron Typical Value |
| RESISTANCE (MD: MACHINE DIRECTION, CD: CROSS DIRECTION) | | |
| Traction resistance (MD/CD) | DIN EN ISO 13934-1 | N >60 |
| Tear resistance (MD/CD) | DIN EN ISO 9073-4 | N >10 |
| Mullen Burst | ISO 2758 | kPa > 280 |
| MISCELLANEOUS PROPERTIES | | |
| Hydrostatic Head | AATCC TM127 | cm H ₂ O >106 |
| Puncture resistance | DIN EN 863 | N >10 |
| Gurley Hill Test porosity | TAPPI T 460 | s <45 |
| BARRIER PROPERTIES | | |
| Particles dimensions Concentration /Lt | CEN/TC 162 WG3 N263 | 1.0 - 1.5 / 47.042 1.5 - 2.0 / 10.384 > 2.0 / 7.054 |
| Water vapor permeability | ASTM E398 | 1700 g/m ² . 24 h |
| THERMAL PROPERTIES | | |
| Shrink Temperature | | 244/118 °F/°C |
| Melting Temperature | | 275/135 °F/°C |

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| PRODUCTS | | |
|----------|--|--|
| CODE | DESCRIPTION | PACKAGING |
| PH10056 | Pharmaclean® autoclavable cylindrical cover in Tyvek® material. Size 150x25 cm (HxD). | 50 pieces in a double bag, inserted a liner and carton box |
| PH10057 | Pharmaclean® autoclavable cylindrical cover in Tyvek® material. Size 45x16 cm (HxD). | 50 pieces in a double bag, inserted a liner and carton box |

Pharmaclean® covers can be realised in different sizes and customised according to client's needs.

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001:2015 =