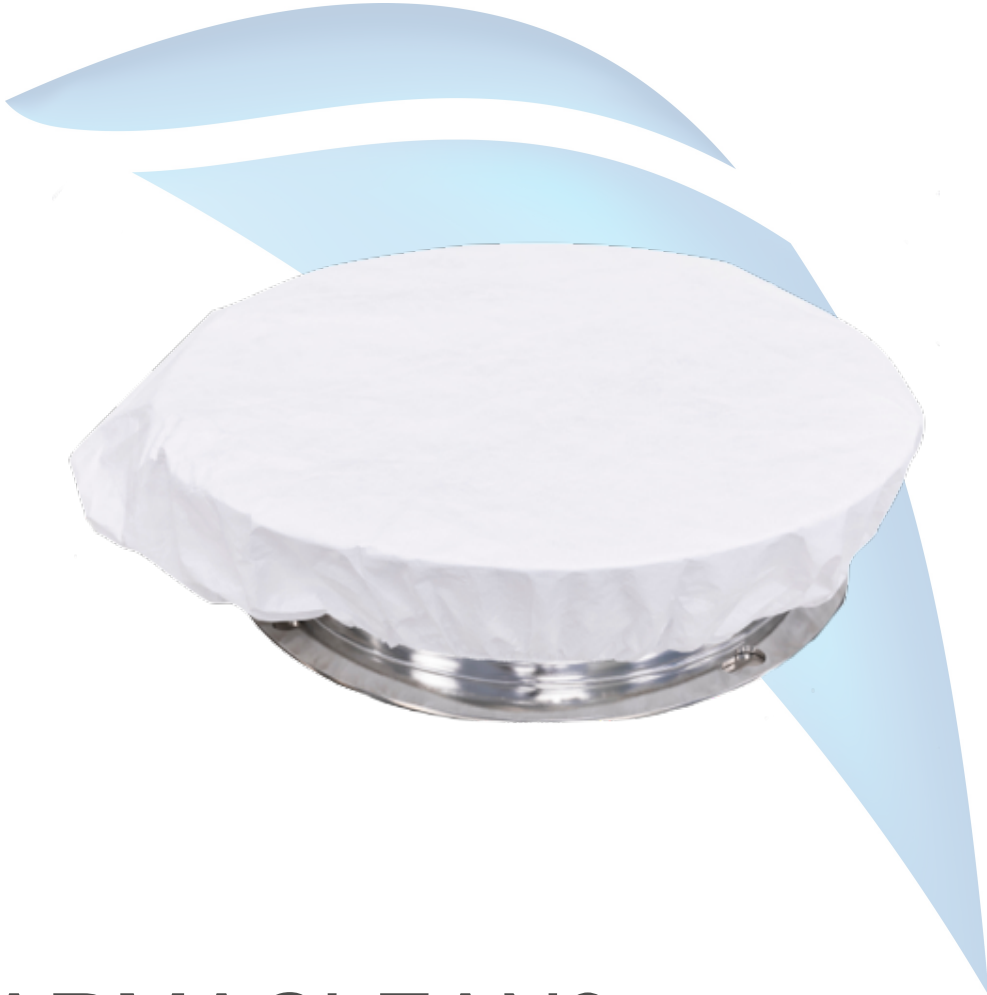


PACKAGING, PROTECTION AND STERILISATION SYSTEMS



PHARMACLEAN® LARGE COVER

DESCRIPTION

Pharmaclean® large covers, realised in DuPont™ Tyvek®¹ material, are the most efficient and appropriate 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 inside the tools, ensuring a more effective barrier than medical paper. At the same time their high breathability and adaptability to different shapes make them perfect for sterilisation processes. With low particle release, these covers are moisture and puncture resistant and extremely tough. They are manufactured in cleanroom and are available also in irradiated sterile version.

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



PACKAGING, PROTECTION AND STERILISATION SYSTEMS

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

PACKAGING, PROTECTION AND STERILISATION SYSTEMS

PRODUCTS		
CODE	DESCRIPTION	PACKAGING
PH10053	Pharmaclean® autoclavable large cover in Tyvek® material, suitable for diameters from 31 to 51 cm.	250 pieces: 10 pieces in one double bag, 25 double bags inserted in liner and carton box
PH10054	Pharmaclean® autoclavable large cover in Tyvek® material, suitable for diameters from 51 to 61 cm.	250 pieces: 10 pieces in one double bag, 25 double bags inserted in liner and carton box
PH10055	Pharmaclean® autoclavable large cover in Tyvek® material, suitable for diameters from 66 to 76 cm.	50 pieces: 5 pieces in a bag, 10 bags in a second bag inserted in liner and carton box
PH10046	Pharmaclean® autoclavable large cover in Tyvek® material, suitable for diameters from 76 to 102 cm.	25 pieces: 5 pieces in a bag, 5 bags in a second bag, inserted in liner and carton box
PH10188	Pharmaclean® autoclavable large cover in Tyvek® material, suitable for diameters from 100 to 126 cm.	10 pieces in one double bag, inserted in liner and carton box

Pharmaclean® cover sizes and shapes can be customised according to client's needs.

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