

PACKAGING, PROTECTION AND STERILISATION SYSTEMS



PHARMACLEAN® MINI COVER

DESCRIPTION

Pharmaclean® mini covers, realised in DuPont™ Tyvek®¹ material, are the most efficient and appropriate method for protecting flasks, beakers, cases, bowls, bottles, valves, pipes and other equipment from any 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.

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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
PH10044	Pharmaclean® mini cover in Tyvek® material for diam. from cm 1,5 to 3.
PH10045	Pharmaclean® mini cover in Tyvek® material for diam. from cm 3 to 4,5.
PH10047	Pharmaclean® mini cover in Tyvek® material for diam. from cm 4,5 to 6,5.
PH10048	Pharmaclean® mini cover in Tyvek® material for diam. from cm 6,5 to 10.
PH10049	Pharmaclean® mini cover in Tyvek® material for diameter cm 20,5.
PH10050	Pharmaclean® mini cover in Tyvek® material for diam. from cm 10 to 14.
PH10051	Pharmaclean® mini cover in Tyvek® material for diam. from cm 14 to 20.
PH10052	Pharmaclean® mini cover in Tyvek® material for diam. from cm 20 to 31.
PACKAGING	
Pack 500 pieces double bagged: 100 pieces in one bag, 5 bags in a second bag, inserted in a 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 =