pharmaclean
by AM Instruments

PACKAGING, PROTECTION AND STERILISATION SYSTEMS

PHARMACLEAN® AUTOCLAVABLE BAG

DESCRIPTION

Pharmaclean® protective bags, realised in DuPont™ Tyvek®[1] material, are the fastest method for protecting and covering small components, such as filling needles, clamps and small tools from any external contamination in aseptic production areas. These bags can be closed through drawstrings, which prevent the entrance of dust and particles, ensuring a more effective barrier than medical paper. Autoclavable, with low particle release and highly breathable, these bags 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	> 60 N
Tear resistance (MD/CD)	DIN EN ISO 9073-4	> 10 N
Mullen Burst	ISO 2758	> 280 kPa
MISCELLANEOUS PROPERTIES		
Hydrostatic Head	AATCC TM127	> 106 cm H_2O
Puncture resistance	DIN EN 863	> 10 N
Gurley Hill Test porosity	TAPPI T 460	< 45 s
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/m² . 24 h
THERMAL PROPERTIES		
Shrink Temperature		244/118 °F/°C
Melting Temperature		275/135 °F/°C

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PRODUCTS		
CODE	**DESCRIPTION**	**PACKAGING**
PH10162	Size 1 x 7 cm (W x H)	50 pieces: 10 pieces in one bag, 5 bags in a second bag inserted in a liner and carton box
PH10161	Size 2 x 7 cm (W x H)	
PH10160	Size 4 x 7 cm (W x H)	
PH10035	Size 4 x 9 cm (W x H)	
PH10031	Size 4 x 14 cm (W x H)	
PH10080	Size 5 x 20 cm (W x H)	
PH10229	Size 10 x 10 cm (W x H)	

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GMP CONSISTENT aminstruments

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

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