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Cleansteam®



Description

For those applications which require ultraclean - particle and contaminant-free, sterile packaging - ATMI LifeScience has developed the Cleansteam Bag using Dupont's FDA approved uncoated Tyvek® combined with HDPE.

Tyvek® has an inherent ability to withstand microbial penetration and maintain sterility after repeated tests and when bonded with HDPE. The result is a low linting, microbial barrier package that has virtually no airborne particle.

Cleansteam Bags are designed with one side Tyvek® and the other HDPE and offer two opening options. The standard bag option requires a cutting device to open the bag. The Easy-Tear opening option needs no tools to open and is particle free - unlike most bags with a peelable opening that allow lint and particles to enter upon opening.

Product Design

- One side uncoated Tyvek® 1073B and one side co-extruded, (pinhole-free) temperature-resistant and translucent HDPE
- Various standard sizes
- Custom sizes available upon request
- Standard printing of steam sterilization indicator
- Other printing available upon request

Applications

- Stoppers
- Vials
- Syringe components
- Medical devices
- Sterile containers

Wir verweisen auf die technischen Datenblätter des Herstellers
Erstelldatum 11/03

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Specifications

- Choice of standard or Easy-Tear opening
- HDPE film extruded in a controlled environment. Bag is produced in a Cleanroom ISO Class 5 environment and ultraclean to level 200 (according to IEST-STD-CC1246D)
- FDA approved materials

Benefits

- Free of ionic and organic contaminants
- PE film is free of black points and gel
- Faster sterilization cycling time due to the use of uncoated Tyvek®
- Less EtO absorption than ordinary paper packaging
- Cleansteam Bag is 100% recyclable
- Higher performance over paper and nonclean Tyvek® which can lead to particle and molecular contamination
- Allows for steam, EtO and gamma sterilization processes
- Superior seal and burst strength
- Steam-sterilization indicator printed on each bag

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