

HIGH PROTECTION IN CLEANROOMS



CLEAN ROOM PRODUCTS

WHY APEX PROTECT?

When it comes to production in cleanrooms, the products produced need to be protected from both microbial and particulate contamination. Apex Protect provides the highest level of protection with the products offered.

Apex Protect;

- Shares knowledge and experience on cleanroom products with customers and delivers products developed with the latest technology
- Focus on solutions with customers
- Never compromises on quality
- Adopted cGMP
- ISO 9001 certified company
- To give the best price for the best quality; either the products are produced by themselves or purchased from direct producers.
- The largest capital is to focus on cleanroom products, experience in this subject and highly trained employees



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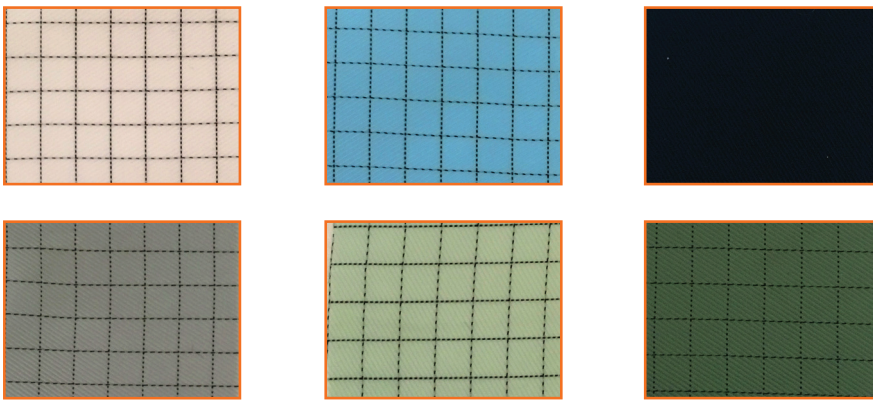
CLEANROOM GARMENTS

Cleanroom garments are the most important barriers between cleanrooms and people. Garments are produced from special fabric, for comfort of the garments prioritise.

In cleanroom garments; we have a wide product range such as overalls, underwear, apron, headgear, footwear, galosh, socks, bags, cuffs, neck collar and bonnet. The garments are special sewing; models can be changed in accordance with the usage preferences requested by the customer.

AP113KUM fabric consists of 98% Polyester – 2% Polyester Carbon composition with antistatic properties suitable for use in GMP A, B and C / ISO 4, 5, 6 and 7 class areas; It is certified by ITV that it is resistant to at least 50 washes and autoclaving. The fabric has a very high filtration characteristic and the comfort of the clothes is also high.

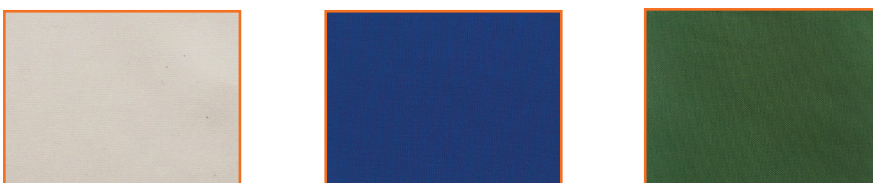
AP113KUM has 6 different colours: white, blue, dark blue, gray, light green and dark green.



AP125KUM fabric consists of 98% Polyester – 2% Nega-Stat composition with antistatic properties suitable for use in GMP D / ISO 8 class area. AP125KUM has 2 different colours: White and blue.



AP80KUM fabric is used as underwear fabric and it is 100% Polyester; has 3 different colours: white, blue, and green.



Please contact us for detailed information.

WASHING TRACKING PROGRAM

Washing tracking program designed to follow the used clean room garments; according to the manual system; it is a more faster, more smarter (intelligent barcode), more economical, less error-prone, provide better reporting opportunities, more validated, more cGMP-compliant program. Software validation and maintenance service is also offered. The necessary hardware and barcode reader for the installation is also offered by our company. Please contact us for detailed information.



Tarih: 15.04.2015 12:11:46

Dosya No: 6

Max. Steril Sayısı: 100

Max. Yıkama Sayısı: 100

Yer/Bölüm: Ağrı

Barkod:

Açıklama:

096526 26531



Please contact us for detailed information.



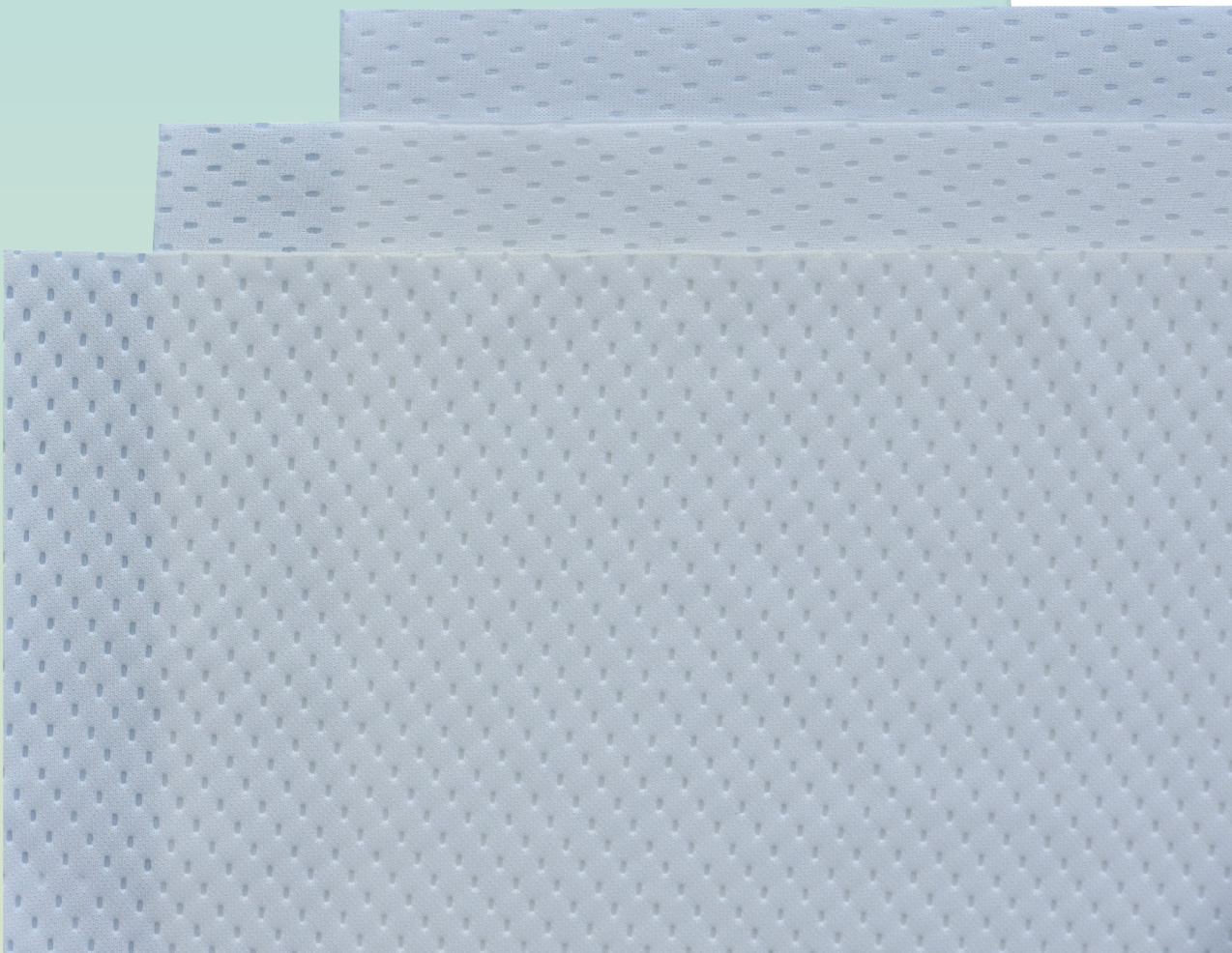
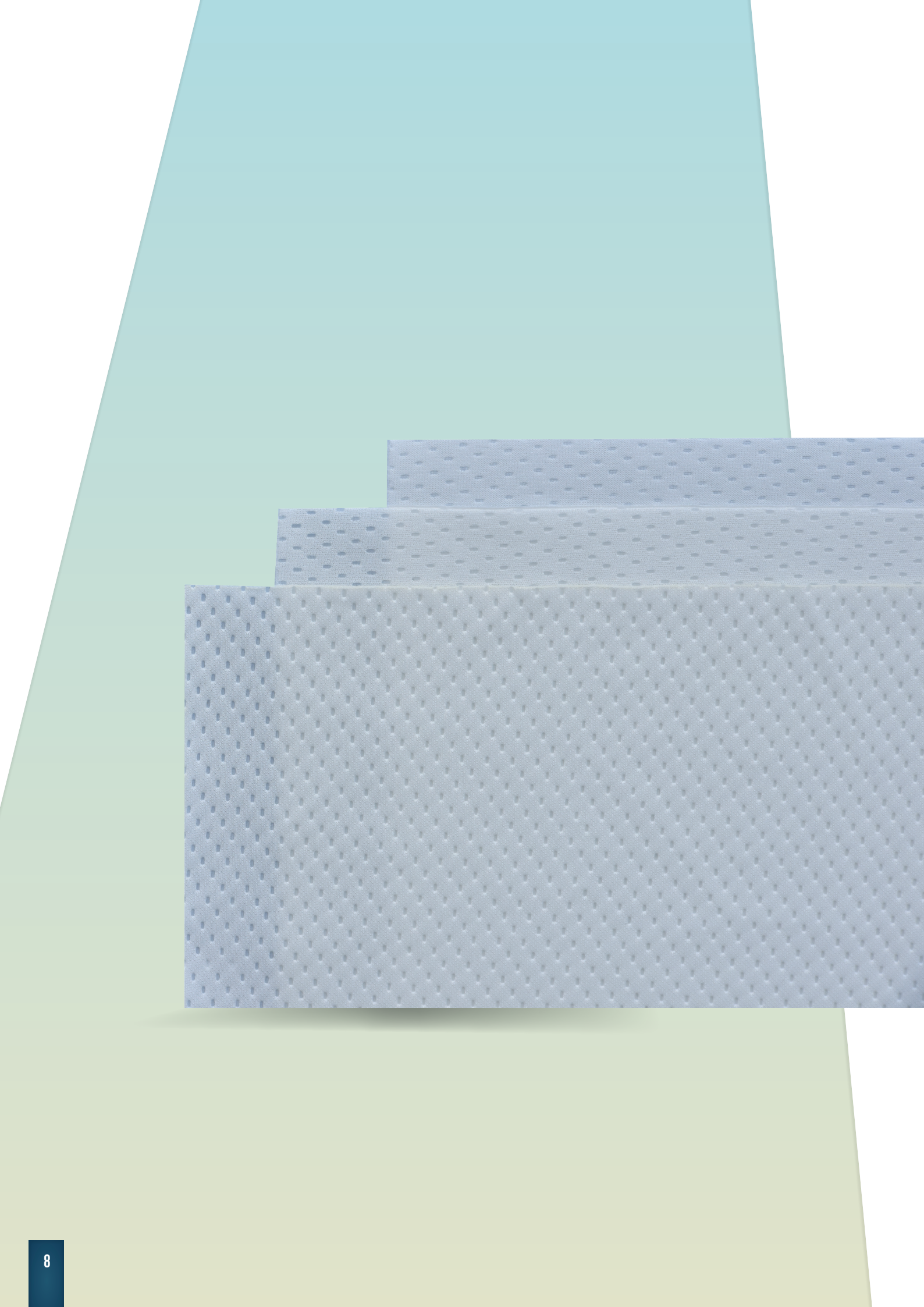
DETERGENT

In the washing of cleanroom garments; it is necessary to use a special liquid detergent in order to ensure that the antistatic properties of the garments are not lost and that the detergent-derived particle level that may remain in the garment is kept to a minimum. Purlovan® formula developed especially for the washing of cleanroom garments; it's environmentally friendly and avoids the use of unwanted borate, aluminum and phosphorus for the cleanroom industry. In the tests made; even after 50 washings, for antistatic and ESD garments; it has been observed that the protective function is maintained.

APPURLOVAN

1 Barrel / (60 L)



Liquid Detergen
for Cleanroom
Garments



CLEANROOM WIPES

Our cleanroom wipes are made of 100% polyester or 45%/55% polyester / cellulose material. We have products of different weight and quality (sterile and non-sterile).

Which are manufactured from 100% polyester; AP135POL is available in 9 inch; AP240POL is available in 9, 12 and 24 inch sizes, these are suitable for use in GMP-A, B / ISO 4, 5 and 6 areas.

			
AP240POL-9	AP240POL-12	AP130POL	AP130POL-9ST
1 Case (20x50 Piece)	1 Case (10x50 Piece)	1 Case (10x150 Piece)	1Case (20x15 Piece)
100% Poly Knitted Fabric 9"x9" inch (GMP A&B-ISO 4&5&6)	100% Poly Knitted Fabric 12"x12" inch (GMP A&B-ISO 4&5&6)	100% Poly Knitted Fabric 9"x9" inch (GMP A&B-ISO 4&5&6)	100% Poly Knitted Fabric 9"x9" inch (GMP A&B-ISO 4&5&6) Gama Steril

Which are manufactured from 45% polyester – 55% cellulose; AP56PC is available in 9 and 12 inch; AP68PC is available in 12 inch sizes, these are suitable for use in GMP-C, D / ISO 7 and 8 areas.

		
AP56PC-9	AP56PC-12	AP68PC-12
1 Case (20x50 Piece)	1 Case (10x300 Piece)	1 Case (10x300 Piece)
45/55 Pol/Cel 9"x9" inch (GMP C&D-ISO 7&8)	45/55 Pol/Cel 12"x12" inch (GMP C&D-ISO 7&8)	45/55 Pol/Cel 12"x12" inch (GMP C&D-ISO 7&8)

		
AP130POL-9-S	AP240POL-9-S	AP240POL-12-2
1 Case (10x10 Piece)	1 Case (10x10 Piece)	1 Case (5x20 Piece)
100% Poly Knitted Fabric 9"x9" inch (GMP A&B-ISO 4&5&6)	100% Poly Knitted Fabric 9"x9" inch (GMP A&B-ISO 4&5&6)	100% Poly Knitted Fabric 12"x12" inch (GMP A&B-ISO 4&5&6)



LEANROOM GLOVES

Cleanroom gloves must be washed and cleaned with water in clean rooms after production. The amount of particles present on the surface of the gloves must be known. Glove manufacturers may wish to brand their gloves as ISO Class 4 (Fed STD Class 10) or ISO Class 5 (Fed STD Class 100), Shield Scientific challenge this paradigm and would ask how classifications for airborne particulates relate to gloves. In reality there are no internationally

recognised specification limits that would determine whether a cleanroom glove is ISO Class 4 (Fed STD Class 10) or ISO Class 5 (Fed STD Class 100) compatible. Accordingly it is left to users to decide what is suitable for their process. With this in mind, Shieldskin Xtreme™ gloves are branded as follows:

BRANDING	PROCESS	USER BENEFITS
DI	Single washed in deionised water	<ul style="list-style-type: none"> The most economical option Typical particle levels $<3000 \text{ per cm}^2 \geq 0.5 \mu\text{m}$
DI+	Triple washed in deionised water	<ul style="list-style-type: none"> The median brand option Typical particle levels $<950 \text{ per cm}^2 \geq 0.5 \mu\text{m}$
DI++	Washed several times in deionised water	<ul style="list-style-type: none"> Premium offering based on extra processing Typical particle levels $<650 \text{ per cm}^2 \geq 0.5 \mu\text{m}$



AP69555

1 Case (10x20 Pair)

SHIELDskin Xtreme™
Sterile Latex 300 DI



AP69876

1 Case (10x20 Pair)

SHIELDskin Xtreme™
Sterile White Nitrile 330 DI+



AP69655

1 Case (10x20 Pair)

SHIELDskin Xtreme™
Sterile Orange Nitrile™ 300DI



AP69877

1 Case (8x20 Pair)

SHIELDskin Xtreme™
Sterile White Nitrile 400 DI+



AP69577

1 Case (8x20 Pair)

Sterile Latex 400+



AP69565

1 Case (10x100 Piece)

SHIELDskin Xtreme™
Bright Latex 300 DI+



AP69885

1 Case (10x100 Piece)

SHIELDskin Xtreme™
White Nitrile 300 DI++



AP69645

1 Case (10x100 Piece)

SHIELDskin Xtreme™
Orange Nitrile™ 300DI



AP68865

1 Case (15x100 Piece)

SHIELDskin Xtreme™
Eco Nitrile 300 DI+



AP69867

1 Case (10x100 Piece)

SHIELDskin Xtreme™
White Nitrile 400 DI+

REUSABLE MOPS

Autoclavable multi-use clean room mop's standard size is 40cm, Polyester Microfiber mixture. It can be autoclaved up to 50 times.

APCKMOP40-A

1 Piece

Reusable Mop
Non-Sterile



APCKMOP40-B

1 Piece

Apex Mop
Multi usage clean
room mop
Non Steril



DISPOSABLE MOPS

Disposable mops are generally used in clean rooms where there is no possibility of autoclaving and toxic substances are applied; are available in both non sterile and sterile (single and double layer packaged).



APTKMOP

1 Piece

Disposable Mop
Non-Sterile

APTKMOPS

1 Piece

Disposable Mop
Sterile

ISOLATOR CLEANING TOOL

The ICT used to clean the isolator and LAF cabinets has a breakable feature. The ability to break is a great convenience developed and patented by our company. ICT is made from autoclavable stainless steel and is lightweight and easy to grip. It is used with 100% Polyester ICT Mop, which can be easily attached and detached. The ICT Mop is available in both non sterile and sterile (single and double layer packaged). Mops are specially sewed for ICT, packed in cleanrooms washed with DI water. Mops are certified on lot basis.

APICT 1 Piece Disposable Isolator Mop Non-Sterile	APICTMOP 1 Piece Disposable Isolator Mop Sterile	APICTMOP-S 1 Piece Isolator Cleaning Tool
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APICTCKMOP-A 1 Piece Multi Usage A mop
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IPA 70%

70% IPA consists of European Pharmacopoeia grade IPA and water for injection in order to guarantee endotoxin levels below 0.25EU/ml; is filtered from 0.2µm filter.

Bag-in-Bottle trigger sprays are used in cleanrooms in the pharmaceuticals industry and hospitals. This system has been validated to give sterility in use for a 13 weeks after the first usage.

It has sterile and non-sterile form. It has being sterilised by a validated gamma irradiation process at no less than 25 kGy; double bagged.



5572

IPA 70% in WFI Bottle
• 5L
• 2x5L



105666

Sterile IPA 70% in
WFI Trigger Spray
• 900ml
• 6x900ml



192701

Sterile IPA 70% Alcohol
Wipes 10x10

1215

Non-Sterile IPA 70% in
WFI Trigger Spray
• 1L
• 15x1L

1214

Non-Sterile IPA 70%
in WFI
• 5L
• 4x5L



NEUTRAL DETERGENT

For effective disinfection to be achieved it is imperative that surfaces are free from any visible soiling or build up of residue from previous disinfectant applications.

Neutral Detergent formulated to be low foaming it does not leave significant residues or smears. With highly effective surface cleaning properties it is ideal when a deep clean is required.

Bag-in-Bottle trigger sprays system has been validated to give sterility in use for a 13 weeks after the first usage.

It has being sterilised by a filtered from 0.2µm filter and a validated gamma irradiation process at no less than 25 kGy; double bagged.



5066

Sterile Neutral Detergent
in WFI Trigger Spray

- 900ml
- 6x900ml



5570

Sterile Neutral Detergent
in WFI Bottle

- 1L
- 15x1L



1129

Non-Sterile Neutral Detergent
in WFI Trigger Spray

- 1L
- 15x1L



1223

Non-Sterile Neutral Detergent
in WFI Bottle

- 5L
- 4x5L

STICKY MATS FOR CLEANROOMS

The importance of using these mats is that the particles on the bottom of the shoes are prevented from entering the cleanroom.

Particularly effective is the combined use of permanently washable (for large particles) and retractable (stronger and smaller particles) mats.

APSticky Mat

1 package (10x30 Piece)

Sticky Mat
24"x36"
Thickness 0.04cm

APPERPAS1

1 Piece

Permanent
1200x600x3mm

APPERPAS2

1 Piece

Permanent
1000x1000x3mm





SHOES & CLOGS

Shoes and clogs brought under the Abeba and Soldini Professional brands; autoclavable clogs are used for the pharmaceutical industry and ESD-based clogs and shoes are used for the electronics sector.

Please contact us for color and size alternatives.



BN01 NR0



444



BN01 VR10 BL20 RS33 RS30 GL40 GL41 BL22 RS32 CLS VR11 BL21



2371



BN01 VR10 BL20



2376



BN01 VR10 BL20 RS33 RS30 GL40 GL41 BL22



2710

MASKS

Masks are produced in 3 floors with special fabric which leaves less particles for cleanroom. It's not a hospital mask that leaves a lot of particles. Our sterile mask is individually packaged, gamma irradiated. Certificate of Irradiation (COI) is available on a lot basis.

APSMASK3PL-ES

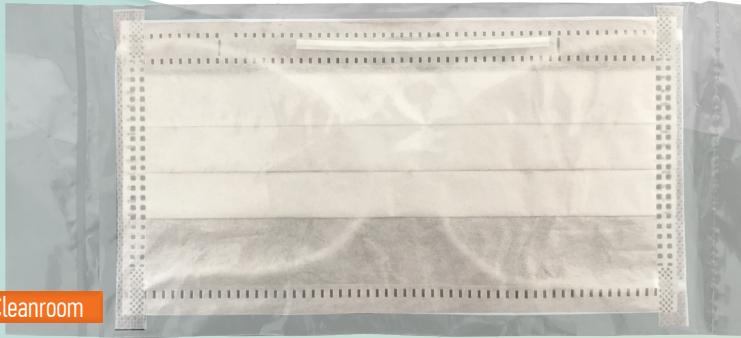
1 Case(40x50 Piece)

Sterile Mask

APNSMASKE2

1 Case (40x50 Piece)

Non-Sterile Mask



Sterile Mask Cleanroom



Non-Sterile Mask Cleanroom

GOGGLES

Goggles brought under the Bollé-Safety brand; have anti-fog and autoclavable properties.

SUPBLCLAV3

1 Piece

Autoclavable
Goggles

SUPERBLAST

1 Piece

Autoclavable
Goggles





OVERALLS WITH HOOD

STERILE OVERALLS

SMS OVERALLS

DISPOSABLE GARMENTS

Disposable garments are products of the Indutex brand.

APPUNTI PG

1 Piece

PUNIFORM (PartiGuard)
Overalls with Hood

APPUNTI CG

1 Piece

PUNIFORM CleanGuard
Sterile Overalls

APPROPSMS

1 Piece

PROPGUARD SMS
Overalls



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