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CATALOGUE

Welch lab consumables catalogue

Welch

Distributed by AKRIBIS

WelchLab

LAB CONSUMABLES

Sample Vial

Syringe filter

Membrane

Innovative / Reproducible
Rugged



Welch Materials, Inc.

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FYZL-190

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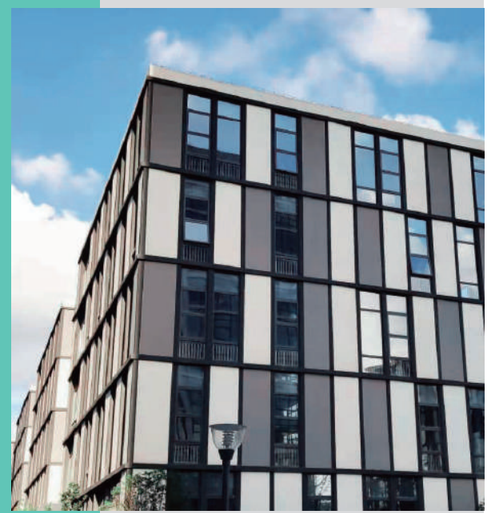
COMPANY PROFILE

Welch Materials is a multinational company that develops and manufactures laboratory consumables including analytical and preparative HPLC columns, Solid Phase Extraction (SPE) columns, GC columns, bulk packing materials, protein purification products and other consumables.

Welch Materials (Shanghai), Inc. was established in 2003 at Shanghai, China and Welch Materials (Zhejiang), Inc. was opened in 2011 at Jinhua, Zhejiang, China. We also have set Welch Materials, Inc. at West Haven, CT, USA and Welch Materials India Pvt., Ltd. at Gurgaon, India.

To meet customer's requirements, Welch introduces the lab biological consumables product lines such as pipette filter tips, centrifuge tube, transfer pipette, cryovial tube, nasal swab, collection tube, urine cup, pcr tube, pcr plate and other plastic products.

For more infomation about lab consumables, please visit our website: www.welchlab.com.



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New Products

Doprah™

Welch Materials

LABORATORY REAGENT BOTTLE

- Crafted from high borosilicate glass (3.3), compliant with USP EP Type I glass specifications.
- Chemical and heat-resistant bottle, available in various sizes. Withstands temperatures from -150°C to +500°C, threaded cap and anti-drip ring heat-resistant up to +130°C.
- Utilizes a polypropylene (PP) screw cap with an O-ring anti-drip pouring ring, preventing liquid spillage on external threads during pouring and ensuring a secure seal for the glass reagent bottle.
- Transparent bottle body with graduations and a white enamel marking area for long-lasting durability.
- Complies with ISO GL45 screw cap standards, compatible with ISO R115 and DIN 168 standards.
- The bottle's glass thickness measures 3.8mm, with uniform wall thickness, maintaining an error tolerance of no more than 0.1mm.



P/N	Description
DH2122	100mL GL45 Clear Laboratory Glass Tubing Bottle 3.3 Borosilicate. Blue PP Closed Screw Cap.1 set/pk.
DH2123	250mL GL45 Clear Laboratory Glass Tubing Bottle 3.3 Borosilicate. Blue PP Closed Screw Cap. 1 set/pk.
DH2124	500mL GL45 Clear Laboratory Glass Tubing Bottle 3.3 Borosilicate. Blue PP Closed Screw Cap. 1 set/pk.
DH2125	1000mL GL45 Clear Laboratory Glass Tubing Bottle 3.3 Borosilicate. Blue PP Closed Screw Cap. 1 set/pk

PLASTIC VIALS FOR PFAS ANALYSIS

- Microvials for an optimzied microsampling with 0.3mL, 0.7mL, 0.5mL, 2mL.
- Ideal for Ion Chromatography, Capillary Electrophoresis, Atomic Absorption, pHsensitive samples,sodium,heavymetas analysis and aqueous samples.Monitoring the presence of PFAS in the environment andconsumer productshas become increasingly important.
- Various methods for testing PFAS have been developed, ranging from laboratoryanalysis to field test kits.
- These methods typically involve advanced analytical techniques such as liquidchromatography and mass spectromtry, which can accurately measure theconcentration of PFAS in samples.



P/N	Picture	Description
DQ1184		0.3mL 9-425 PP Screw Thread Micro-Vial Transparent. 12x32mm. 100 pcs/pk
DQ9185		0.3mL 9-425 PP Screw Thread Micro-Vial Amber. 12x32mm. 100 pcs/pk

Welch Materials

P/N	Picture	Description
DQ1123		0.3mL 11mm PP Snap Top Micro-Vial Transparent. 12x32mm. 100 pcs/pk
DQ1827		0.3mL 11mm PP Snap Top Micro-Vial Amber. 12x32mm. 100 pcs/pk
DQ1869		0.7mL 9-425 PP Screw Thread Micro-Vial Transparent. 12x32mm. 100 pcs/pk
DQ1871		0.7mL 11mm PP Snap Top Micro-Vial Transparent. 12x32mm. 100 pcs/pk
DQ2524		0.75mL 11mm PP Snap Top Micro-Vial Transparent Conical Bottom. 12x32mm.
DQ2394		0.3mL TPX Short Thread Vial Micro-Vial Transparent. 12x32mm
DQ1411		2mL 9-425 Wide Opening PP Screw Vial with Graduations Transparent. 100 pcs/pk
DQ2383		2mL 9-425 Wide Opening PP Screw Vial with Graduations Amber. 100 pcs/pk
DR2162		Blue 9-425 Open Top Ribbed Screw Cap with 9mm Septa Polyimide/Red Silicone 1mm Thick. 100 pcs/pk

SCINTILLATION COUNTING VIALS

- Chemical inertness, suitable for strong solvents and high-purity chemicals;
- Available with various cap liners to maintain sealing integrity;
- Consistent and low background counting; High ultraviolet transmittance;
- HDPE scintillation vials are an economical choice.

BOTTLE:

- Glass Material: Made from 3.3 high borosilicate glass, it exhibits better temperature resistance and can be used for experiments at various ultra-high temperatures.
- HDPE Plastic Material: Utilizing high-density polyethylene with lightweight and thick-walled bottle construction to enhance counting efficiency

CAP LINERS:

- 22-400 solid threaded cap with PE liner / 15-425 solid threaded cap with aluminum foil liner Choose the appropriate cap liner based on your needs.



P/N	Description
DB2252	20mL Clear Glass Scintillation Vial 27.5x57.5mm with 22-400 White Closed Top PP Cap and PE Liner. Vial + Cap + Septa are pre-assembled together. Packed with dividers. 100pcs/pk.
DB2363	20mL Clear Glass Scintillation Vial 27.5x57.5mm with 22-400 White Closed Top PP Cap and Silver Aluminum Foil Liner. Vial + Cap + Septa are pre-assembled together. Packed with dividers. 100pcs/pk.
DB2444	7mL Clear Glass Scintillation Vial 17×54mm with 15-425 White Closed Top PP Cap and Silver Aluminum Foil Liner. Vial + Cap + Septa are pre-assembled together. Packed with dividers. 200pcs/pk.

Welch Materials

GLASS SOLVENT FILTER

- Versatile and suitable for nearly all laboratory filtration needs.
- Offers a large effective filtration area, reducing membrane costs and increasing filtration speed.
- Exhibits excellent pressure tolerance, making it suitable for high-temperature and high-pressure applications.
- The fixed clamps are constructed from anodized aluminum alloy, providing corrosion resistance.
- The bottles are made from high borosilicate glass, ensuring optical clarity, no bubbles, and uniform wall thickness.
- Can be individually equipped with GL45 screw thread adapter for connection to GL45 cap reagent bottles.



P/N	Description
D02171	GL45 screw thread conversion adapter (for use with glass solvent filters)
D02172	500mL, glass solvent filter, 1 set/box
D02173	1000mL, glass solvent filter, 1 set/box
D02174	2000mL, glass solvent filter, 1 set/box



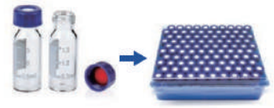
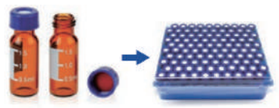
ULTRA CLEAN VIALS

Doprah™

ULTRA CLEAN VIALS &CLOSURES

- Resealable box is used to prevent contamination during use.
- Constructed with PTFE/ Silicone septa for contamination free sampling.
- Optimized Ultra Clean PTFE/ Silicone septa for gas chromatography and mass spectrometry.

ULTRA CLEAN VIALS - 2ML VIALS KIT

P/N	Picture	Description
DS1170		2mL Clear Glass 12×32mm Flat Base 9-425 Screw Thread Vial with Label. Blue 9-425 Open Top Ribbed Screw Cap with 9mm Red PTFE/White Silicone Septa 1mm Thick (UltraClean). Blue Kit Packing.100 sets/pk.
DS1172		2mL Amber Glass 12×32mm Flat Base 9-425 Screw Thread Vial with Label. Blue 9-425 Open Top Ribbed Screw Cap with 9mm Red PTFE/White Silicone Septa 1mm Thick (UltraClean). Blue Kit Packing.100 sets/pk.

ULTRA CLEAN CLOSURES

P/N	Picture	Description
DL1117		Black 8-425 Open Top Screw Cap with 8mm Red PTFE/White Silicone Septa 1.5mm Thick (UltraClean). 100 pcs/pk.
DL1118		Blue 11mm Open Top Snap Cap with Red PTFE/White Silicone Septa 1mm Thick (UltraClean). 100 pcs/pk.
DR1019		Blue 9-425 Open Top Ribbed Screw Cap with 9mm Red PTFE/White Silicone Septa 1mm Thick (UltraClean). 100 pcs/pk.
DR1020		Blue 9-425 Open Top Ribbed Screw Cap with 9mm Red PTFE/White Silicone Septa 1mm Thick PRE-SLIT (UltraClean). 100 pcs/pk.

P/N	Picture	Description
DR1121		Red 9-425 Open Top Smooth Screw Cap with 9mm Red PTFE/White Silicone 1mm Thick (UltraClean). 100 pcs/pk.
DR1128		Blue 9-425 Open Top Ribbed Screw Cap with 9mm White PTFE/ Red Silicone Septa 1mm Thick (UltraClean). 100 pcs/pk.

ULTRA CLEAN CLOSURES - ND 18

P/N	Picture	Description
DL1974		18mm Silver Color Open Top Metal Cap (8mm hole) with 17.5mm White PTFE/Blue Transparent Silicone Septa 1.5mm Thick (UltraClean). 100 pcs/pk.
DL1975		18mm Silver Color Open Top Metal Cap (8mm hole) with 17.5mm Natural PTFE/Blue Transparent Silicone Septa 1.5mm Thick (UltraClean). 100pcs/pk.

ULTRA CLEAN CLOSURES - ND 20

P/N	Picture	Description
DL1972		20mm Open Top Aluminum Crimp Cap (10mm hole) with 20mm White PTFE/Blue Transparent Silicone Septa 3mm Thick (UltraClean). 100 pcs/pk.
DL1973		20mm Open Top Aluminum Crimp Cap (10mm hole) with 20mm Natural PTFE/Blue Transparent Silicone Septa 3mm Thick (UltraClean). 100 pcs/pk.

Welch Materials

EPA/TOC VIALS & CLOSURES

- EPA Quality Screw Vial kit is provided by Welch to meet the the requirements of your TOC measurements.
- Teflon lined caps and protective dust covers.
- Excellent vial to vial consistency.
- Application: air, water, soil, pesticide residue, pharmaceutical and forensic, etc.
- 20mL, 40mL and 60mL vials are available.
- Vial + Cap + Septa are pre-assembled together.

ULTRA CLEAN VIALS - EPA/TOC

P/N	Picture	Description
DK1338		20mL 27.5x57mm Amber Glass EPA/TOC Vial 24-400 White Open Top PP Screw Cap with 22mm Natural PTFE/White Silicone 3.0mm thick Septa (EPA Quality) and Dust Cover. 100pcs/pk.
DK1339		20mL 27.5x57mm Amber Glass EPA/TOC Vial 24-400 White Open Top PP Screw Cap with 22mm Natural PTFE/White Silicone 3.0mm thick Septa (EPA Quality) and Dust Cover. 100pcs/pk.
DK1342		40mL 27.5×95mm Clear Glass EPA/TOC Vial 24-400 White Open Top PP Screw Cap with 22mm Natural PTFE/White Silicone 3.0mm thick Septa (EPA Quality) and Dust Cover, 72 pcs/pk.
DK1343		40mL 27.5×95mm Amber Glass EPA/TOC Vial 24-400 White Open Top PP Screw Cap with 22mm Natural PTFE/White Silicone 3.0mm thick Septa (EPA Quality) and Dust Cover, 72 pcs/pk.
DK2693		Pre-cleaned and certified (<10 ppb TOC) 40mL 27.5x95mm clear glass vial 24-414 Purple Open Top PP Screw Cap Bonded with 22mm Natural PTFE/White Silicone 1.5mm thick Septa and Dust Cover. 72 pcs/pk.



AUTOSAMPLER VIALS &CLOSURES

Doprah™

Welch Materials

SCREW NECK ND8

- Standard 8-425 vials for instruments of Shimadzu, Varian, Gilson, etc.
- A variety of ID 5mm micro inserts are provided to transform vials from limited liquid volume to full-capacity.
- Micro inserts with flat bottom, conical base and plastic spring are available.

ND 8 VIALS

P/N	Picture	Description
DA1010		2mL Clear Glass 12×32mm Flat Base 8-425 Screw Thread Vial, 100 pcs/pk.
DA1012		2mL Clear Glass 12×32 mm Flat Base 8-425 Screw Thread Vial with Label, 100 pcs/pk.
DA1013		2mL Amber Glass 12×32mm Flat Base 8-425 Screw Thread Vial, 100 pcs/pk.
DA1014		2mL Amber Glass 12×32mm Flat Base 8-425 Screw Thread Vial with Label, 100 pcs/pk.

ND 8 CLOSURES

P/N	Picture	Description
DC1133		Black 8-425 Open Top Screw Cap with 8mm Red PTFE/White Silicone Septa 1.5mm Thick, 100pcs/pk.
DC1134		Black 8-425 Open Top Screw Cap with 8mm Red PTFE/White Silicone Septa 1.5mm Thick, PRE-SLIT. 100pcs/pk.

5MM MICRO INSERT

P/N	Picture	Description
DD1174		5×29mm Insert Clear Glass Conical Base with Polyspring. 100pcs/pk.
DD1175		5×31mm Insert Clear Glass Conical Base. 100pcs/pk.
DD1176		5×31mm Insert Clear Glass Flat Base. 100pcs/pk.

Welch Materials

SHORT NECK ND9

- Standard wide opening 9-425 vials is compatible with all common auotsamplers, such as Agilent, Thermo, Waters, Varian, etc.
- Vial bottom intergrated 0.2mL micro insert are available.
- Polypropylene vials which is chemically resistance can be used for AAS, capillary electrophoresis, ion chromatography,etc.
- Micro inserts with flat bottom, conical base and plastic spring are available.
- Kit packing vials can reduce the risk of comtamination in lab.

ND 9 VIALS

P/N	Picture	Description
DQ1016		2mL Clear Glass 12×32mm Flat Base 9-425 Screw Thread Vial. 100pcs/pk.
DQ1018		2mL Clear Glass 12×32mm Flat Base 9-425 Screw Thread Vial with Label. 100pcs/pk.
DQ1011		2mL Amber Glass 12×32mm Flat Base 9-425 Screw Thread Vial. 100pcs/pk.
DQ1111		2mL Amber Glass 12×32mm Flat Base 9-425 Screw Thread Vial with Label. 100pcs/pk.

P/N	Picture	Description
DQ1184		0.3mL 9-425 PP Screw Thread Micro-Vial Transparent. 12×32mm. 100pcs/pk.
DQ1411		2mL 9-425 Wide Opening PP Screw Vial with Graduations Transparent . 100pcs/pk.
DS1127		2mL 9-425 12×32mm Clear Screw Thread Vial Bottom with Integrated 0.2ml Glass Micro-insert. 100pcs/pk.
DS1128		2mL 9-425 12×32mm Amber Screw Thread Vial Bottom with Integrated 0.2 ml Glass Micro-insert. 100pcs/pk.

ND 9 CLOSURES

P/N	Picture	Description
DR1143		9-425 Blue Open Top Ribbed Screw Cap with 9mm Red PTFE/White Silicone Septa 1mm Thick. 100pcs/pk.
DR1146		9-425 Blue Open Top Ribbed Screw Cap with 9 mm White PTFE/Red Silicone Septa 1.0mm Thick. 100pcs/pk.

P/N	Picture	Description
DR1148		Blue 9-425 Open Top Ribbed Screw Cap with 9mm Red PTFE/White Silicone Septa 1mm Thick PRE-SLIT. 100pcs/pk.
DR1149		Blue 9-425 Open Top Ribbed Screw Cap with 9mm Blue PTFE/White Silicone Septa 1mm Thick PRE-SLIT. 100pcs/pk.
DR1151-P		9-425 Blue Open Top Ribbed Screw Cap with 9 mm Red PTFE/White Silicone /Red PTFE Septa 1.0mm Thick. 100pcs/pk.
DR9151		9-425 Blue Open Top Ribbed Screw Cap with 9 mm Red PTFE/White Silicone Septa 1.0mm Thick Pre-Slit(Mercedes Shape). 100pcs/pk.
DR1152		9-425 Blue Open Top Ribbed Screw Cap with 9 mm White PTFE/Red Silicone Septa 1.0mm Thick Pre-Slit. 100pcs/pk.

ND 9 VIALS KIT

P/N	Picture	Description
DS1961		2mL Amber Glass 12×32mm Flat Base 9-425 Screw Thread Vial with Label. Blue 9-425 Open Top Ribbed Screw Cap with 9mm White PTFE/Red Silicone Septa 1mm Thick. Kit Packing.100pcs/pk.
DS1962		2mL Clear Glass 12×32mm Flat Base 9-425 Screw Thread Vial with Label. Blue 9-425 Open Top Ribbed Screw Cap with 9mm White PTFE/Red Silicone Septa 1mm Thick. Kit Packing.100pcs/pk.

6MM MICRO INSERT

P/N	Picture	Description
DD1171		6×29mm Insert Clear Glass Conical Base with Polyspring. 100pcs/pk.
DD1172		6×31mm Insert Clear Glass Conical Base. 100pcs/pk.
DD1173		6×31mm Insert Clear Glass Flat Base. 100pcs/pk.
DD1177		6×29mm PP Insert Conical Base. 100pcs/pk.

Welch Materials

BONDED CAPS & SEPTA

- Caps and septa are boned together using a mechanical way without any adhesives or chemicals.
- No glue contamination.
- Prevent liner fallout.
- Available in 1-3mm septa thickness.
- Suitable for medical devices, diagnostic packaging and specialty chemicals.

P/N	Picture	Description
DR1144		Blue 9-425 Open Top Ribbed Screw Cap Bonded with 9mm Red PTFE/White Silicone Septa 1mm Thick. 100pcs/pk.
DR1359		Blue 9-425 Open Top Ribbed Screw Cap Bonded with 9mm Red PTFE/White Silicone Septa 1mm Thick PRE-SLIT. 100pcs/pk.

CRIMP NECK ND11

- Suitable for instrument of Agilent, PE, Varian.
- Vials with intergrated Micro-insert are available in clear and amber glass.
- Septa materials: PTFE/silicone, Natural Rubber/TEF septa, etc.
- 3-layer septa of Natural rubber/Red Butyl/TEF combines the good physical properties of Nat.
- Contact Welch for more info for customize service.

P/N	Picture	Description
DA1114		2mL Clear Glass Flat Base 11mm Crimp Vial Wide Opening. 100pcs/pk.
DA1115		2mL Clear Glass Flat Base 11mm Crimp Vial Wide Opening with Label. 100pcs/pk.
DA1116		2mL Amber Glass Flat Base 11mm Crimp Vial Wide Opening. 100pcs/pk.
DA1118		2mL Amber Glass Flat Base 11mm Crimp Vial Wide Opening with Label. 100pcs/pk.
DB1129		2mL 11mm Crimp Top Clear Vial Bottom with Integrated 0.2ml Glass Micro-insert. 100pcs/pk.

ND 11 CLOSURES

P/N	Picture	Description
DC1165		SILVER 11mm Open Top Crimp Cap with Red PTFE/ White Silicone Septa 1mm Thick. 100pcs/pk.
DC1169		SILVER 11mm Open Top Crimp Cap with Transparent TEF/Natural Rubber red-orange Septa 1mm Thick. 100pcs/pk.

SNAP NECK ND11

- Suitable for the instruments of Agilent, CTC, Thermo Scientific, Waters, etc.
- Snap Ring finish eliminates the need for crimping or decapping.
- The intergrated Micro-insert are available for in clear and amber glass, micro-inserts can be delivered preassembled in vials.
- Soft Snap Ring Caps which is easy for handling(pushing/removal) are also available in the color of transparent and blue.
- Pre-slit Septa shape options: single type, snow type.

ND 11 VIALS

P/N	Picture	Description
DA9121		2mL Clear Glass Flat Base 11mm Snap Vial Wide Opening. 100pcs/pk.
DA1121		2mL Clear Glass Flat Base 11mm Snap Vial Wide Opening with Label. 100pcs/pk.
DA1122		2mL Amber Glass Flat Base 11mm Snap Vial Wide Opening. 100pcs/pk.
DA1123		2mL Amber Glass Flat Base 11mm Snap Vial Wide Opening with Label. 100pcs/pk.
DB1131		2mL 11mm Snap Top Clear Vial Bottom with Integrated 0.2ml Glass Micro-insert. 100pcs/pk.

ND 11 CLOSURES

P/N	Picture	Description
DC1171		CLEAR 11mm Open Top Snap Cap with Red PTFE/White Silicone Septa 1mm Thick. 100pcs/pk.
DC1174		CLEAR 11mm Open Top Snap Cap with Red PTFE/White Silicone Septa 1mm Thick. PRE-SLIT. 100pcs/pk.

SHORT THREAD ND13

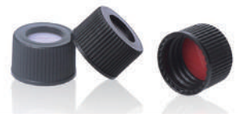
- The vials are used on instruments of Dionex, Shimadzu, VWR, Waters, etc.
- 4ML vials are widely used in compound storage as well as for Chromatography vials, available as closed or open top screw seals with 13-425 thread.

ND 13 VIALS

P/N	Picture	Description
DA1124		4mL Clear Glass 15×45mm Flat Base 13-425 Screw Thread Vial. 100pcs/pk.
DA1125		4mL Clear Glass 15×45mm Flat Base 13-425 Screw Thread Vial with Label. 100 pcs/pk.
DA1126		4mL Amber Glass 15×45mm Flat Base 13-425 Screw Thread Vial. 100 pcs/pk.
DA1127		4mL Amber Glass 15×45mm Flat Base 13-425 Screw Thread Vial with Label. 100pcs/pk.

Welch Materials

ND 13 CLOSURES

P/N	Picture	Description
DC1179		BLACK PP 13-425 Open Top Screw Cap with Red PTFE/White Silicone Septa 1mm Thick. 100pcs/pk.
DC1181		BLACK PP 13-425 Open Top Screw Cap with Red PTFE/White Silicone Septa 1mm Thick. PRE-SLIT. 100pcs/pk.

SHELL VIAL

- The vial with soft plug is used on Waters and Shimadzu, the star-shaped plug is for easy penetration.
- The normal size is 8×40mm, and 8×30mm is also available.

ND 13 CLOSURES

P/N	Picture	Description
DD1178		1mL 8×40mm Flat Base Clear Glass Shell Vial with Plug. 200 pcs/pk.
DD1179		1mL 8×40mm Flat Base Amber Glass Shell Vial with Plug. 200 pcs/pk.



HEADSPACE VIALS & CLOSURES

Doprah™

SCREW HEADSPACE ND18

- Pre-assembling vial+closure service is available upon request.
- The magnetic screw caps can be used for headspace as well as for SPME.
- Type of Cap: Magnetic Precision screw cap, Closed Precision screw cap.

P/N	Picture	Description
DE1128		10mL Clear Glass Screw Headspace Vial 22.5×46mm. 100pcs/pk.
DE1129		10mL Amber Glass Screw Headspace Vial 22.5×46mm. 100pcs/pk.
DE1131		20mL Clear Glass Screw Headspace Vial 22.5×75mm. 100pcs/pk.
DE9131		20mL Amber Glass Screw Headspace Vial 22.5×75mm. 100pcs/pk.
DF1218		18mm Silver Color Open Top Metal Cap (8mm hole) with 17.5mm Blue PTFE/White Silicone Septa 1.5mm Thick. 100pcs/pk.

CRIMP HEADSPACE ND20

- GC Headspace technology for the analysis of volatile organic solids and liquid samples after gasification.
- The headspace volume has 6mL, 10mL, 20mL clear/amber to choose, the bottom has flat, rounded and rounded-flat.
- Type of Cap: Aluminum Cap, Bimetal cap, Magnetic crimp cap.
- Type of Liner: Butyl, Butyl/PTFE, Pharma-fix liner, PTFE/silicone, Butyl stopper.

P/N	Picture	Description
DE1132		6mL Clear Glass 22×38mm. 20mm Beveled Edge. Flat Bottom. Short Neck. Crimp Headspace Vial. 100pcs/pk.
DE1133		10mL Clear Glass 22.5×46mm. 20mm Beveled Edge. Flat Bottom. Crimp Headspace Vial. 100pcs/pk.
DE1134		10mL Clear Glass 22.5×46mm. 20mm Beveled Edge. Rounded-flat Bottom. Crimp Headspace Vial. 100pcs/pk.
DE1135		10mL Amber Glass 22.5×46mm. 20mm Beveled Edge. Flat Bottom. Crimp Headspace Vial. 100pcs/pk.

Welch Materials

P/N	Picture	Description
DE1136		20mL Clear Glass 22.5×75mm. 20mm Beveled Edge. Flat Bottom. Crimp Headspace Vial. 100pcs/pk.
DE1877		20mL Clear Glass 22.5×75mm Crimp Headspace Vial with Writing Spot with Scale. 20mm Beveled Edge. Flat Bottom. 100pcs/pk.
DE1138		20mL Clear Glass 22.5×75mm. 20mm Beveled Edge. Rounded-Flat Bottom. Crimp Headspace Vial. 100pcs/pk.
DE1139		20mL Clear Glass 22.5×75mm. 20mm Beveled Edge. Rounded-Flat Bottom. Crimp Headspace Vial. Short Neck. 100pcs/pk.
DE1141		20mL Amber Glass 22.5×75mm. 20mm Beveled Edge. Rounded-Flat Bottom. Crimp Headspace Vial. Short Neck. 100pcs/pk.

ND 20 CLOSURES

P/N	Picture	Description
DF1196		20mm Open Top Aluminum Crimp Cap (10mm hole) with 20mm Natural PTFE/White Silicone Septa 3mm Thick. 100pcs/pk.
DF1197		20mm Open Top Aluminum Crimp Cap (10mm hole) with 20mm Natural PTFE/Blue Silicone Septa 3mm Thick. 100pcs/pk.
DF1198		20mm Open Top Aluminum Crimp Cap (10mm hole) with 20mm White PTFE/White Silicone Septa 3mm Thick. 100pcs/pk.
DF1199		20mm Open Top Aluminum Crimp Cap (10mm hole) with 20mm White PTFE/Blue Silicone Septa 3mm Thick. 100pcs/pk.
DF1215		20mm Open Top Gold Magnetic Crimp Cap (10mm hole) with 20mm Natural PTFE/White Silicone Septa 3mm Thick. 100pcs/pk.
DF1213		20mm Open Top Aluminum Crimp Cap (10mm hole) with Moulded Grey PTFE/Butyl Septa one ring 3.0mm Thick. 100pcs/pk.
DF1216		20mm Open Top Bi-Metallic Crimp Cap (8mm hole) Blue & Silver with 20mm Natural PTFE/White Silicone Septa 3mm Thick. 100pcs/pk.

Welch Materials



SAMPLE VIALS & CLOSURES

Doprah™

SAMPLE VIALS & CLOSURES

- Screw vials for storage purpose, vials with different volumes are available.
- Vial Color: Clear, Amber.
- Cap Color: White, Black, Red, Blue, Yellow, Green, etc.
- Septa material: PE, PTFE/Silicone, Silicone only, etc.
- Pre-assemble service is available.

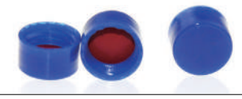
P/N	Picture	Description
DQ1016		2mL Clear Glass 12×32mm Flat Base 9-425 Screw Thread Vial. 100pcs/pk.
DQ1141		2mL Amber Glass 12×32mm Sample Vial 9-425 Screw Thread.100pcs/pk.
DA1124		4mL Clear Glass 15×45mm Flat Base 13-425 Screw Thread Vial. 100pcs/pk.
DG1144		4mL Amber Glass 15×45mm Sample Vial 13-425 Screw Thread. 100pcs/pk.
DG1148		7mL Clear Glass 22×40mm Sample Vial 18-400 Screw Thread. 100pcs/pk.
DG1149		7mL Amber Glass 22×40mm Sample Vial 18-400 Screw Thread. 100pcs/pk.

Welch Materials

P/N	Picture	Description
DG1151		8mL Clear Glass 17×60mm Sample Vial 15-425 Screw Thread. 100pcs/pk.
DG1152		8mL Amber Glass 17×60mm Sample Vial 15-425 Screw Thread. 100pcs/pk.
DG1153		10mL Clear Glass 22×52mm Sample Vial 18-400 Screw Thread. 100pcs/pk.
DG1154		10mL Amber Glass 22×52mm SampleVial 18-400 Screw Thread. 100pcs/pk.
DG1155		16mL Clear Glass 22×72.5mm Sample Vial 18-400 Screw Thread. 100pcs/pk.
DG1156		16mL Amber Glass 22×72.5mm Sample Vial 18-400 Screw Thread. 100pcs/pk.
DG1157		20mL Clear Glass 27.5×57mm Sample Vial 24-400 Screw Thread. 100pcs/pk.
DG1158		20mL Amber Glass Sample Vial 27.5×57mm 24-400 Screw Thread. 100pcs/pk.

P/N	Picture	Description
DG1159		30mL Clear Glass 27.5×84mm Sample Vial 24-400 Screw Thread. 100pcs/pk.
DG9161		30mL Amber Glass 27.5×84mm Sample Vial 24-400 Screw Thread. 100pcs/pk.
DG1161		40mL Clear Glass 27.5×95mm Sample Vial 24-400 Screw Thread. 100pcs/pk.
DG1162		40mL Amber Glass 27.5×95mm Sample Vial 24-400 Screw Thread. 100pcs/pk.
DG1165		60mL Clear Glass 27.5×140mm Sample Vial 24-400 Screw Thread. 100pcs/pk.
DG1166		60mL Amber Glass 27.5×140mm Sample Vial 24-400 Screw Thread. 100pcs/pk.

Welch Materials

P/N	Picture	Description
DR1153		9-425 Blue Smooth Closed PP Top Cap, with Red PTFE/White Silicone Septa 1.0mm Thick. 100pcs/pk.
DR1157		9-425 Blue Smooth Closed PP Top Cap, with White PE Septa 1.0mm Thick. 100pcs/pk.
DI1183		13-425 Black Closed PP Top Cap, with Red PTFE/White Silicone Septa 1.0mm Thick. 100pcs/pk.
DI1186		13-425 White Closed PP Top Cap, with White PTFE/Red Silicone Septa 1.0mm Thick. 100pcs/pk.
DI1184		13-425 Black Closed PP Top Cap, with White PE Septa 1.0mm Thick. 100pcs/pk.
DI1188		13-425 White Closed PP Top Cap, with White PE Septa 1.0mm Thick. 100pcs/pk.
DI1191		15-425 Black Closed PP Top Cap, with Natural PTFE/White Silicone Septa 1.0mm Thick. 100pcs/pk.
DI1193		15-425 White Closed PP Top Cap, with Natural PTFE/White Silicone Septa 1.0mm Thick. 100pcs/pk.
DI1194		15-425 White Closed PP Top Cap, with White PE Septa 1.0mm Thick. 100pcs/pk.
DI1195		15-425 Black Closed PP Top Cap, with White PE Septa 1.0mm Thick. 100pcs/pk.

P/N	Picture	Description
DI9221		18-400 Black Closed PP Top Cap, with Natural PTFE/White Silicone Septa 1.5mm Thick. 100pcs/pk.
DI1221		18-400 White Closed PP Top Cap, with Natural PTFE/White Silicone Septa 1.5mm Thick. 100pcs/pk.
DI1222		18-400 Black Closed PP Top Cap, with White PE Septa 1.0mm Thick. 100pcs/pk.
DI1223		18-400 White Closed PP Top Cap, with White PE Septa 1.0mm Thick. 100pcs/pk.
DI1215		24-400 Black Closed PP Top Cap, with Natural PTFE/White Silicone Septa 1.5mm Thick. 100pcs/pk.
DI1216		24-400 White Closed PP Top Cap, with Natural PTFE/White Silicone Septa 1.5mm Thick. 100pcs/pk.
DI1217		24-400 Black Closed PP Top Cap, with White PE Septa 1.0mm Thick. 100pcs/pk.
DI1218		24-400 White Closed PP Top Cap, with White PE Septa 1.0mm Thick. 100pcs/pk.
DF1211		24-400 White Open PP Top Cap, with 22mm Natural PTFE/Natural Silicone Septa 3.0mm Thick. 100pcs/pk.
DF1214		24-400 White Open PP Top Cap, with 22mm Natural PTFE/White Silicone Septa 3.0mm Thick. 100pcs/pk.

Welch Materials

NARROW MOUTH BOTTLE

- Boston bottles are widely used for packing of Pharmaceutical intermediate, High value- added chemicals, Fragrance sesame oil, and etc.
- The PTFE/silicone perfect sealing is suitable for long time storage and transportation, PE liner is for an economical choice.
- Pre-assemble service is available.

P/N	Picture	Description
DH1115		30mL 20-400 Boston Round Amber Glass Bottle. 32.8×78.58mm. 48pcs/ctn.
DH1116		30mL 20-400 Boston Round Clear Glass Bottle. 32.8×78.58mm. 48pcs/ctn.
DH1118		60mL 20-400 Boston Round Amber Glass Bottle. 38.6×93.66mm. 48pcs/ctn.
DH1119		60mL 20-400 Boston Round Clear Glass Bottle. 38.6×93.66mm. 48pcs/ctn.
DH1121		120mL 22-400 Boston Round Amber Glass Bottle. 48.8×112.73mm. 24pcs/ctn.
DH1122		120mL 22-400 Boston Round Clear Glass Bottle. 48.8×112.73mm. 24pcs/ctn.

P/N	Picture	Description
DH1123		250mL 24-400 Boston Round Amber Glass Bottle. 61.6×140.8mm. 30 pcs/ctn.
DH1124		500mL 28-400 Boston Round Amber Glass Bottle. 83×176.5mm. 12 pcs/ctn.
DH1125		1000mL 33-400 Boston Round Amber Glass Bottle. 94×219mm. 8 pcs/ctn.

NARROW MOUTH BOTTLE CLOSURES

P/N	Picture	Description
DI1126		20-400 Black Closed PP Top Cap, with Natural PTFE/White Silicone Septa 2.0mm Thick. 48 pcs/pk.
DI1127		20-400 Black Closed PP Top Cap, with White PE Septa 1.0mm Thick. 48 pcs/pk.

Welch Materials

P/N	Picture	Description
DI1128		22-400 Black Closed PP Top Cap, with Natural PTFE/White Silicone Septa 2.0mm Thick. 24 pcs/pk.
DI1129		22-400 Black Closed PP Top Cap, with White PE Septa 1.0mm Thick. 24 pcs/pk.
DI1130		24-400 Black Closed PP Top Cap, with Natural PTFE/White Silicone Septa 1.5mm Thick. 30 pcs/pk.
DI1131		24-400 Black Closed PP Top Cap, with White PE Septa 1.0mm Thick. 30 pcs/pk.
DI1229		28-400 Black Closed PP Top Cap, with Natural PTFE/White Silicone Septa 1.5mm Thick. 12 pcs/pk.
DI9231		28-400 Black Closed PP Top Cap, with White PE Septa 1.0mm Thick. 12 pcs/pk.
DI1231		33-400 Black Closed PP Top Cap, with Natural PTFE/White Silicone Septa 1.5mm Thick. 8 pcs/pk.
DI1233		33-400 Black Closed Top PP Cap with White PTFE Septa 0.5mm Thick. 8 pcs/pk.
DI1235		33-400 Black Closed PP Top Cap, with White PE Septa 1.0mm Thick. 8 pcs/pk.

WIDE MOUTH BOTTLE

- Wide mouth bottles are widely used for packing of Pharmaceutical intermediate, High value-added chemicals, etc.
- Offer packaging customized service.

P/N	Picture	Description
DH9115		60mL Wide Mouth Amber Glass bottle 44.5×75.5mm 33-400. 48 pcs/pk.
DH9117		100mL Wide Mouth Amber Glass bottle 50×87.5mm 38-400. 24 pcs/pk.
DH9118		120mL Wide Mouth Amber Glass bottle 52.8×95mm 38-400. 24 pcs/pk.
DH9119		150mL Wide Mouth Amber Glass bottle 56×100mm 45-400. 24 pcs/pk.
DH9111		200mL Wide Mouth Amber Glass bottle 61.4×109.5mm 45-400. 24 pcs/pk.

Welch Materials

P/N	Picture	Description
DH1111		250mL Wide Mouth Amber Glass bottle 64×119mm 45-400. 24 pcs/pk.
DH1112		300mL Wide Mouth Amber Glass bottle 68.3×126.4mm 53-400. 24 pcs/pk.
DH1113		500mL Wide Mouth Amber Glass bottle 80.6×146.5mm 53-400. 12 pcs/pk.

P/N	Picture	Description
DI1231		33-400 Black Closed Top PP Cap with Natural PTFE/White Silicone Septa 1.5mm Thick. 8pcs/pk.
DI1233		33-400 Black Closed Top PP Cap with White PTFE Septa 0.5mm Thick. 8pcs/pk.
DI1235		33-400 Black Closed Top PP Cap with White PE Septa 1.0mm Thick. 8pcs/pk.
DI1255		38-400 Black Closed PP Top Cap, with Natural PTFE/White Silicone Septa 1.5mm Thick. 24 pcs/pk
DI1256		38-400 Black Closed PP Top Cap, with White PTFE Septa 0.5mm Thick. 24 pcs/pk
DI1257		38-400 Black Closed PP Top Cap, with White PE Septa 1.0mm Thick. 24 pcs/pk

P/N	Picture	Description
DI1258		45-400 Black Closed PP Top Cap, with Natural PTFE/White Silicone Septa 1.5mm Thick. 24 pcs/pk
DI1259		45-400 Black Closed PP Top Cap, with White PTFE Septa 0.5mm Thick. 24 pcs/pk
DI9261		45-400 Black Closed PP Top Cap, with White PE Septa 1.0mm Thick. 24 pcs/pk
DI1261		53-400 Black Closed PP Top Cap, with Natural PTFE/White Silicone Septa 1.5mm Thick. 12 pcs/pk
DI1262		53-400 Black Closed PP Top Cap, with White PTFE Septa 0.5mm Thick. 12 pcs/pk
DI1263		53-400 Black Closed PP Top Cap, with White PE Septa 1.0mm Thick. 12 pcs/pk



TOOLS

Doprah™

VIAL RACK

P/N	Picture	Description
DJ1194		PP Vial Rack 50 Positions for 2mL Vials Blue Color. 1pc/pk.
DJ1195		PP Vial Rack 50 Positions for 4mL Vials Blue Color. 1pc/pk.
DJ1196		PP Vial Rack for EPA/TOC vials, white color, 1pc/pk

CRIMPER & DECRIMPER

P/N	Picture	Description
DJ1264		Crimper for 20mm Aluminum Crimp Cap Stainless Steel. 1pc/pk.
DJ1265		Crimper for 11mm Aluminum Crimp Cap Stainless Steel. 1pc/pk.
DJ1266		Stainless Steel Crimper for 13mm Flip off Cap. 1pc/pk
DJ1267		Stainless Steel Crimper for 20mm Flip off Cap. 1pc/pk.
DJ1268		Decrimper for 11mm Aluminum Crimp Cap Stainless Steel. 1pc/pk.
DJ1269		Decrimper for 20mm Aluminum Crimp Cap Stainless Steel. 1pc/pk.



WELCHROM GENERAL SYRINGE FILTER

welchrom

NYLON

- High mechanical and tensile strength.
- Universal application for analytical procedures.
- Broad compatibility with aqueous and organic solvents,with stable hydrophilicity, not suitable for highly acidic samples.
- Nylon binds protein, do not use when high protein recovery is desired.

ORDERING INFORMATION

P/N	Picture	Description
S13NY022E		Syringe Filter, Nylon, Dia. 13mm 0.22µm, 100pcs/pk
S13NY045E		Syringe Filter, Nylon, Dia. 13mm 0.45µm, 100pcs/pk
S25NY022E		Syringe Filter, Nylon, Dia. 25mm 0.22µm, 100pcs/pk
S25NY045E		Syringe Filter, Nylon, Dia. 25mm 0.45µm, 100pcs/pk
S33NY022E		Syringe Filter, Nylon, Dia. 33mm 0.22µm, 100pcs/pk
S33NY045E		Syringe Filter, Nylon, Dia. 33mm 0.45µm, 100pcs/pk

PES

- Both for mechanical and tensile high level of strength.
- Used for most mid-polar liquids and organic solvents.
- Low level extractable makes them suitable for environment analysis.
- High level flow rate because of symmetric structure.

ORDERING INFORMATION

P/N	Picture	Description
S13PES022E		Syringe Filter, Pes, Dia. 13mm 0.22μm, 100pcs/pk
S13PES045E		Syringe Filter, Pes, Dia. 13mm 0.45μm, 100pcs/pk
S25PES022E		Syringe Filter, Pes, Dia. 25mm 0.22μm, 100pcs/pk
S25PES045E		Syringe Filter, Pes, Dia. 25mm 0.45μm, 100pcs/pk
S33PES022E		Syringe Filter, Pes, Dia. 33mm 0.22μm, 100pcs/pk
S33PES045E		Syringe Filter, Pes, Dia. 33mm 0.45μm, 100pcs/pk

PTFE Hydrophobic

- This type of filter has broad chemical compatibility and high pH resistance.
- Versatile filters for use with aggressive organic solvent-based solutions.
- Specially ideal for HPLC sample preparation.
- Suitable for Solvents/Gases/Acids/Bases.

ORDERING INFORMATION

P/N	Picture	Description
S13PTB022E		Syringe Filter, Hydrophobic PTFE, Dia. 13mm 0.22μm, 100pcs/pk
S13PTB045E		Syringe Filter, Hydrophobic PTFE, Dia. 13mm 0.45μm, 100pcs/pk
S25PTB022E		Syringe Filter, Hydrophobic PTFE, Dia. 25mm 0.22μm, 100pcs/pk
S25PTB045E		Syringe Filter, Hydrophobic PTFE, Dia. 25mm 0.45μm, 100pcs/pk
S33PTB022E		Syringe Filter, Hydrophobic PTFE, Dia. 33mm 0.22μm, 100pcs/pk
S33PTB045E		Syringe Filter, Hydrophobic PTFE, Dia. 33mm 0.45μm, 100pcs/pk

PTFE Hydrophilic

- Both for mechanical and tensile high level of strength.
- Used for most mid-polar liquids and organic solvents.
- Filtering aqueous and organic solutions as well as organic solution and chemical.
- Low IC extractables.

ORDERING INFORMATION

P/N	Picture	Description
S13PTL022E		Syringe Filter, Hydrophilic PTFE, Dia. 13mm 0.22μm, 100pcs/pk
S13PTL045E		Syringe Filter, Hydrophilic PTFE, Dia. 13mm 0.45μm, 100pcs/pk
S25PTL022E		Syringe Filter, Hydrophilic PTFE, Dia. 25mm 0.22μm, 100pcs/pk
S25PTL045E		Syringe Filter, Hydrophilic PTFE, Dia. 25mm 0.45μm, 100pcs/pk
S33PTL022E		Syringe Filter, Hydrophilic PTFE, Dia. 33mm 0.22μm, 100pcs/pk
S33PTL045E		Syringe Filter, Hydrophilic PTFE, Dia. 33mm 0.45μm, 100pcs/pk

PVDF Hydrophobic

- Filtration of water-soluble oligomers and polymers. e.g. protein solutions.
- Filtration of hydrophobic substances in different organic solvents.
- Naturally hydrophobic membrane provides excellent flow rates and high loading.
- Exceptional temperature stability provides extended sampling range over other membranes.

ORDERING INFORMATION

P/N	Picture	Description
S13PVB022E		Syringe Filter, Hydrophobic PVDF, Dia. 13mm 0.22μm, 100pcs/pk
S13PVB045E		Syringe Filter, Hydrophobic PVDF, Dia. 13mm 0.45μm, 100pcs/pk
S25PVB022E		Syringe Filter, Hydrophobic PVDF, Dia. 25mm 0.22μm, 100pcs/pk
S25PVB045E		Syringe Filter, Hydrophobic PVDF, Dia. 25mm 0.45μm, 100pcs/pk
S33PVB022E		Syringe Filter, Hydrophobic PVDF, Dia. 33mm 0.22μm, 100pcs/pk
S33PVB045E		Syringe Filter, Hydrophobic PVDF, Dia. 33mm 0.45μm, 100pcs/pk

PVDF Hydrophilic

- Low protein-binding for filtration of non-aggressive aqueous and mild organic solutions.
- Low UV absorbing extractables and low nonspecific protein binding.
- Filtering aqueous and organic solutions as well as organic solution and chemical.
- It has superior performance to prevent leak of sample solvent.

ORDERING INFORMATION

P/N	Picture	Description
S13PVL022E		Syringe Filter, Hydrophilic PVDF, Dia. 13mm 0.22μm, 100pcs/pk
S13PVL045E		Syringe Filter, Hydrophilic PVDF, Dia. 13mm 0.45μm, 100pcs/pk
S25PVL022E		Syringe Filter, Hydrophilic PVDF, Dia. 25mm 0.22μm, 100pcs/pk
S25PVL045E		Syringe Filter, Hydrophilic PVDF, Dia. 25mm 0.45μm, 100pcs/pk
S33PVL022E		Syringe Filter, Hydrophilic PVDF, Dia. 33mm 0.22μm, 100pcs/pk
S33PVL045E		Syringe Filter, Hydrophilic PVDF, Dia. 33mm 0.45μm, 100pcs/pk

CA

- Biologically inert mixtures of cellulose acetate and cellulose nitrate.
- Membranes in analytical and research applications.
- Ideal for capturing and culturing microorganisms in the Water and wastewater industry.
- Used to determine particulate contamination of lubricating oil and hydraulic fluid in patch test kits.

ORDERING INFORMATION

P/N	Picture	Description
S13CA022E		Syringe Filter, CA, Dia. 13mm 0.22μm, 100pcs/pk
S13CA045E		Syringe Filter, CA, Dia. 13mm 0.45μm, 100pcs/pk
S25CA022E		Syringe Filter, CA, Dia. 25mm 0.22μm, 100pcs/pk
S25CA045E		Syringe Filter, CA, Dia. 25mm 0.45μm, 100pcs/pk
S33CA022E		Syringe Filter, CA, Dia. 33mm 0.22μm, 100pcs/pk
S33CA045E		Syringe Filter, CA, Dia. 33mm 0.45μm, 100pcs/pk

MCE

- Biological inert mixtures of cellulose acetate and cellulose nitrate.
- Membranes in analytical and research applications.
- Best for capturing and culturing microoranisms in the water and waste water industry.
- Compatible with gamma irradiation.

ORDERING INFORMATION

P/N	Picture	Description
S13MCE022E		Syringe Filter, MCE, Dia. 13mm 0.22μm, 100pcs/pk
S13MCE045E		Syringe Filter, MCE, Dia. 13mm 0.45μm, 100pcs/pk
S25MCE022E		Syringe Filter, MCE, Dia. 25mm 0.22μm, 100pcs/pk
S25MCE045E		Syringe Filter, MCE, Dia. 25mm 0.45μm, 100pcs/pk
S33MCE022E		Syringe Filter, MCE, Dia. 33mm 0.22μm, 100pcs/pk
S33MCE045E		Syringe Filter, MCE, Dia. 33mm 0.45μm, 100pcs/pk

PP

- Hydrophobic membrane with good thermal stability.
- Good chemical compatibility in both aqueous solution and alcohol solution.
- It can effectively bind protein, DNA and RNA.

ORDERING INFORMATION

P/N	Picture	Description
S13PP022E		Syringe Filter, PP, Dia. 13mm 0.22μm, 100pcs/pk
S13PP045E		Syringe Filter, PP, Dia. 13mm 0.45μm, 100pcs/pk
S25PP022E		Syringe Filter, PP, Dia. 25mm 0.22μm, 100pcs/pk
S25PP045E		Syringe Filter, PP, Dia. 25mm 0.45μm, 100pcs/pk
S33PP022E		Syringe Filter, PP, Dia. 33mm 0.22μm, 100pcs/pk
S33PP045E		Syringe Filter, PP, Dia. 33mm 0.45μm, 100pcs/pk

GF

- Natural hydrophobicity.
- High flux; large pollutant carrying capacity.
- Good mechanical strength.
- Maximum operating temperature: 45°C.
- Housing: medical grade, virgin polypropylene.

ORDERING INFORMATION

P/N	Picture	Description
S13GF070E		Syringe Filter, GF, Dia. 13mm 0.7μm, 100pcs/pk
S13GF100E		Syringe Filter, GF, Dia. 13mm 1.0μm, 100pcs/pk
S25GF070E		Syringe Filter, GF, Dia. 25mm 0.7μm, 100pcs/pk
S25GF100E		Syringe Filter, GF, Dia. 25mm 1.0μm, 100pcs/pk
S33GF070E		Syringe Filter, GF, Dia. 33mm 0.7μm, 100pcs/pk
S33GF100E		Syringe Filter, GF, Dia. 33mm 1.0μm, 100pcs/pk

RC

- The best option for reliable and leachable free sterilisation of liquids.
- The very low non-specific binding characteristics of this membrane makes it a perfect choice for biomolecule solutions and other dissolved substances.

ORDERING INFORMATION

P/N	Picture	Description
S13RC022E		Syringe Filter, RC, Dia. 13mm 0.22μm, 100pcs/pk
S13RC045E		Syringe Filter, RC, Dia. 13mm 0.45μm, 100pcs/pk
S25RC022E		Syringe Filter, RC, Dia. 25mm 0.22, 100pcs/pk
S25RC045E		Syringe Filter, RC, Dia. 25mm 0.45μm, 100pcs/pk
S33RC022E		Syringe Filter, RC, Dia. 33mm 0.22μm, 100pcs/pk
S33RC045E		Syringe Filter, RC, Dia. 33mm 0.45μm, 100pcs/pk



WELCHROM PREFILTER SYRINGE FILTER

welchrom

Welch Materials

NYLON

- Both for mechanical and tensile high level of strength.
- Largely used for mid-polar liquids and solvents.
- Provides two times greater throughput than standard filter without pre-filtration
- Nylon binds protein, do not use when high protein recovery is desired.

ORDERING INFORMATION

P/N	Picture	Description
S13NY022B		Syringe Filter, Double layers, NYLON, Dia. 13mm 0.22μm, 100pcs/pk
S13NY045B		Syringe Filter, Double layers, NYLON, Dia. 13mm 0.45μm, 100pcs/pk
S25NY022B		Syringe Filter, Double layers, NYLON, Dia. 25mm 0.22μm, 100pcs/pk
S25NY045B		Syringe Filter, Double layers, NYLON, Dia. 25mm 0.45μm, 100pcs/pk
S33NY022M		Syringe Filter, Double layers, NYLON, Dia. 33mm 0.22μm, 100pcs/pk
S33NY045M		Syringe Filter, Double layers, NYLON, Dia. 33mm 0.45μm, 100pcs/pk

PES

- Low protein binding, high flow rate and low concentration of extractable substances.
- Suitable for prefiltration and filtration of buffers and culture media.
- Provides two times greater throughput than standard filter without pre-filtration.
- Faster flow rate than PVDF.

ORDERING INFORMATION

P/N	Picture	Description
S13PES022B		Syringe Filter, Double layers, PES, Dia. 13mm 0.22μm,100pcs/pk
S13PES045B		Syringe Filter, Double layers, PES, Dia. 13mm 0.45μm, 100pcs/pk
S25PES022B		Syringe Filter, Double layers, PES, Dia. 25mm 0.22μm, 100pcs/pk
S25PES045B		Syringe Filter, Double layers, PES, Dia. 25mm 0.45μm, 100pcs/pk
S33PES022M		Syringe Filter, Double layers, PES, Dia. 33mm 0.22μm, 100pcs/pk
S33PES045M		Syringe Filter, Double layers, PES, Dia. 33mm 0.45μm, 100pcs/pk

PTFE Hydrophobic

- Both for mechanical and tensile high level of strength.
- Used for most mid-polar liquids and organic solvents.
- Hydrophobic PTFE membrane has great temperature resistance.
- Suitable for solvents/Acids/Bases/Gases.

ORDERING INFORMATION

P/N	Picture	Description
S13PTB022B		Syringe Filter, Double layers, PTFE Hydrophobic, Dia. 13mm 0.22μm, 100pcs/pk
S13PTB045B		Syringe Filter, Double layers, PTFE Hydrophobic, Dia. 13mm 0.45μm, 100pcs/pk
S25PTB022B		Syringe Filter, Double layers, PTFE Hydrophobic, Dia. 25mm 0.22μm, 100pcs/pk
S25PTB045B		Syringe Filter, Double layers, PTFE Hydrophobic, Dia. 25mm 0.45μm, 100pcs/pk
S33PTB022M		Syringe Filter, Double layers, PTFE Hydrophobic, Dia. 33mm 0.22μm, 100pcs/pk
S33PTB045M		Syringe Filter, Double layers, PTFE Hydrophobic, Dia. 33mm 0.45μm, 100pcs/pk

PTFE Hydrophilic

- For reducing signal-to-noise ratios and maintaining flat baseline and removing particulates.
- Filtering aqueous and organic solutions as well as organic solution and chemical.
- Provides two times greater throughput than standard filter without pre-filtration.

ORDERING INFORMATION

P/N	Picture	Description
S13PTL022B		Syringe Filter, Double layers, PTFE Hydrophilic, Dia. 13mm 0.22μm, 100pcs/pk
S13PTL045B		Syringe Filter, Double layers, PTFE Hydrophilic, Dia. 13mm 0.45μm, 100pcs/pk
S25PTL022B		Syringe Filter, Double layers, PTFE Hydrophilic, Dia. 25mm 0.22μm, 100pcs/pk
S25PTL045B		Syringe Filter, Double layers, PTFE Hydrophilic, Dia. 25mm 0.45μm, 100pcs/pk
S33PTL022M		Syringe Filter, Double layers, PTFE Hydrophilic, Dia. 33mm 0.22μm, 100pcs/pk
S33PTL045M		Syringe Filter, Double layers, PTFE Hydrophilic, Dia. 33mm 0.45μm, 100pcs/pk

PVDF Hydrophobic

- Filtration of water-soluble oligomers and polymers, e.g. protein solutions.
- Filtration of hydrophobic substances in different organic solvents.
- Provides two times greater throughput than standard filter without pre-filtration.
- This membrane features stability and hydrophobic interactions.

ORDERING INFORMATION

P/N	Picture	Description
S13PVB022B		Syringe Filter, Double layers, PVDF Hydrophobic, Dia. 13mm 0.22μm, 100pcs/pk
S13PVB045B		Syringe Filter, Double layers, PVDF Hydrophobic, Dia. 13mm 0.45μm, 100pcs/pk
S25PVB022B		Syringe Filter, Double layers, PVDF Hydrophobic, Dia. 25mm 0.22μm, 100pcs/pk
S25PVB045B		Syringe Filter, Double layers, PVDF Hydrophobic, Dia. 25mm 0.45μm, 100pcs/pk
S33PVB022M		Syringe Filter, Double layers, PVDF Hydrophobic, Dia. 33mm 0.22μm, 100pcs/pk
S33PVB045M		Syringe Filter, Double layers, PVDF Hydrophobic, Dia. 33mm 0.45μm, 100pcs/pk

PVDF Hydrophilic

- Low protein-binding filtration of non-aggressive aqueous and mild organic solutions.
- Low UV absorbing extractables and low nonspecific protein binding.
- Provides two times greater throughput than standard filter without pre-filtration.
- Excellent chemical compatibility, even with aggressive acids and alcohols.

ORDERING INFORMATION

P/N	Picture	Description
S13PVL022B		Syringe Filter, Double layers, PVDF Hydrophilic, Dia.13mm 0.22μm, 100pcs/pk
S13PVL045B		Syringe Filter, Double layers, PVDF Hydrophilic, Dia.13mm 0.45μm, 100pcs/pk
S25PVL022B		Syringe Filter, Double layers, PVDF Hydrophilic, Dia. 25mm 0.22μm, 100pcs/pk
S25PVL045B		Syringe Filter, Double layers, PVDF Hydrophilic, Dia. 25mm 0.45μm, 100pcs/pk
S33PVL022M		Syringe Filter, Double layers, PVDF Hydrophilic, Dia. 33mm 0.22μm, 100pcs/pk
S33PVL045M		Syringe Filter, Double layers, PVDF Hydrophilic, Dia. 33mm 0.45μm, 100pcs/pk

CA

- CA membranes are used in tissue culture media filtration.
- Ideally suited for biological/clinical analyse requiring maximum protein recovery and general filtration.
- High temperature stability can use with heated liquids.
- Provides two times greater throughput than standard filter without pre-filtration.
- Naturally hydrophobic membrane filter.

ORDERING INFORMATION

P/N	Picture	Description
S13CA022B		Syringe Filter, Double layers, CA, Dia. 13mm 0.22μm, 100pcs/pk
S13CA045B		Syringe Filter, Double layers, CA, Dia. 13mm 0.45μm, 100pcs/pk
S25CA022B		Syringe Filter, Double layers, CA, Dia. 25mm 0.22μm, 100pcs/pk
S25CA045B		Syringe Filter, Double layers, CA, Dia. 25mm 0.45μm, 100pcs/pk
S33CA022M		Syringe Filter, Double layers, CA, Dia. 33mm 0.22μm, 100pcs/pk
S33CA045M		Syringe Filter, Double layers, CA, Dia. 33mm 0.45μm, 100pcs/pk

MCE

- Biologically inert mixtures of cellulose acetate and cellulose nitrate.
- Used to determine particulate contamination of lubricating oil and hydraulic fluid in patch test kits.
- Provides two times greater throughput than standard filter without pre-filtration.
- Compatible with gamma irradiation.

ORDERING INFORMATION

P/N	Picture	Description
S13MCE022B		Syringe Filter, Double layers, MCE, Dia. 13mm 0.22μm, 100pcs/pk
S13MCE045B		Syringe Filter, Double layers, MCE, Dia. 13mm 0.45μm, 100pcs/pk
S25MCE022B		Syringe Filter, Double layers, MCE, Dia. 25mm 0.22μm, 100pcs/pk
S25MCE045B		Syringe Filter, Double layers, MCE, Dia. 25mm 0.45μm, 100pcs/pk
S33MCE022M		Syringe Filter, Double layers, MCE, Dia. 33mm 0.22μm, 100pcs/pk
S33MCE045M		Syringe Filter, Double layers, MCE, Dia. 33mm 0.45μm, 100pcs/pk

PP

- Hydrophobic membrane with good thermal stability.
- Good chemical compatibility in both aqueous solution and alcohol solution.
- It can effectively bind protein, DNA and RNA.
- Provides two times greater throughput than standard filter without pre-filtration.

ORDERING INFORMATION

P/N	Picture	Description
S13PP022B		Syringe Filter, Double layers, PP, Dia. 13mm 0.22μm, 100pcs/pk
S13PP045B		Syringe Filter, Double layers, PP, Dia. 13mm 0.45μm, 100pcs/pk
S25PP022B		Syringe Filter, Double layers, PP, Dia. 25mm 0.22μm, 100pcs/pk
S25PP045B		Syringe Filter, Double layers, PP, Dia. 25mm 0.45μm, 100pcs/pk
S33PP022M		Syringe Filter, Double layers, PP, Dia. 33mm 0.22μm, 100pcs/pk
S33PP045M		Syringe Filter, Double layers, PP, Dia. 33mm 0.45μm, 100pcs/pk

GF

- Natural hydrophobicity.
- High flux; Large pollutant carrying capacity.
- Good mechanical strength.
- Maximum operating temperature: 45°C.
- Provides two times greater throughput than standard filter without pre-filtration.

ORDERING INFORMATION

P/N	Picture	Description
S13GF070B		Syringe Filter, Double layers, GF, Dia. 13mm 0.7μm, 100pcs/pk
S13GF100B		Syringe Filter, Double layers, GF, Dia. 13mm 1.0μm, 100pcs/pk
S25GF070B		Syringe Filter, Double layers, GF, Dia. 25mm 0.7μm, 100pcs/pk
S25GF100B		Syringe Filter, Double layers, GF, Dia. 25mm 1.0μm, 100pcs/pk
S33GF070M		Syringe Filter, Double layers, GF, Dia. 33mm 0.7μm, 100pcs/pk
S33GF100M		Syringe Filter, Double layers, GF, Dia. 33mm 1.0μm, 100pcs/pk

RC

- The best option for reliable and leachable free sterilisation of liquids.
- The very low non-specific binding characteristics of this membrane makes it a perfect choice for biomolecule solutions and other dissolved substances.
- Provides two times greater throughput than standard filter without pre-filtration.

ORDERING INFORMATION

P/N	Picture	Description
S13RC022B		Syringe Filter, Double layers, RC, Dia. 13mm 0.22μm, 100pcs/pk
S13RC045B		Syringe Filter, Double layers, RC, Dia. 13mm 0.45μm, 100pcs/pk
S25RC022B		Syringe Filter, Double layers, RC, Dia. 25mm 0.22μm, 100pcs/pk
S25RC045B		Syringe Filter, Double layers, RC, Dia. 25mm 0.45μm, 100pcs/pk
S33RC022M		Syringe Filter, Double layers, RC, Dia. 33mm 0.22μm, 100pcs/pk
S33RC045M		Syringe Filter, Double layers, RC, Dia. 33mm 0.45μm, 100pcs/pk



WELCHROM STERILE SYRINGE FILTER

welchrom

Welch Materials

NYLON

- Individually packaged.
- Good for sterile filtration.
- 100% integrity tested.
- Low extractables, high protein binding. Recommended for alcohols and weak solvents.

ORDERING INFORMATION

P/N	Picture	Description
S13NY022S		Syringe Filter, Sterile, Nylon, Dia. 13mm 0.22μm, 100pcs/pk
S13NY045S		Syringe Filter, Sterile, Nylon, Dia. 13mm 0.45μm, 100pcs/pk
S25NY022S		Syringe Filter, Sterile, Nylon, Dia. 25mm 0.22μm, 50pcs/pk
S25NY045S		Syringe Filter, Sterile, Nylon, Dia. 25mm 0.45μm, 50pcs/pk
S33NY022S		Syringe Filter, Sterile, Nylon, Dia. 33mm 0.22μm, 50pcs/pk
S33NY045S		Syringe Filter, Sterile, Nylon, Dia. 33mm 0.45μm, 50pcs/pk

PES

- Individually packaged.
- Good for sterile filtration.
- 100% integrity tested.
- For medical use, sterile filtering protein solution, tissue culture media, additives.

ORDERING INFORMATION

P/N	Picture	Description
S13PES022S		Syringe Filter, Sterile, PES, Dia. 13mm 0.22μm, 100pcs/pk
S13PES045S		Syringe Filter, Sterile, PES, Dia. 13mm 0.45μm, 100pcs/pk
S25PES022S		Syringe Filter, Sterile, PES, Dia. 25mm 0.22μm, 50pcs/pk
S25PES045S		Syringe Filter, Sterile, PES, Dia. 25mm 0.45μm, 50pcs/pk
S33PES022S		Syringe Filter, Sterile, PES, Dia. 33mm 0.22μm, 50pcs/pk
S33PES045S		Syringe Filter, Sterile, PES, Dia. 33mm 0.45μm, 50pcs/pk

PTFE Hydrophobic

- Individually packaged.
- Good for sterile filtration.
- 100% integrity tested.
- For degassing/clarifying aqueous and solvent samples.

ORDERING INFORMATION

P/N	Picture	Description
S13PTB022S		Syringe Filter, Sterile, Hydrophobic PTFE, Dia. 13mm 0.22μm, 100pcs/pk
S13PTB045S		Syringe Filter, Sterile, Hydrophobic PTFE, Dia. 13mm 0.45μm, 100pcs/pk
S25PTB022S		Syringe Filter, Sterile, Hydrophobic PTFE, Dia. 25mm 0.22μm, 50pcs/pk
S25PTB045S		Syringe Filter, Sterile, Hydrophobic PTFE, Dia. 25mm 0.45μm, 50pcs/pk
S33PTB022S		Syringe Filter, Sterile, Hydrophobic PTFE, Dia. 33mm 0.22μm, 50pcs/pk
S33PTB045S		Syringe Filter, Sterile, Hydrophobic PTFE, Dia. 33mm 0.45μm, 50pcs/pk

PTFE Hydrophilic

- Individually packaged.
- Good for sterile filtration.
- 100% integrity tested.
- For degassing/clarifying aqueous and solvent samples.

ORDERING INFORMATION

P/N	Picture	Description
S13PTL022S		Syringe Filter, Sterile, Hydrophilic PTFE, Dia. 13mm 0.22μm, 100pcs/pk
S13PTL045S		Syringe Filter, Sterile, Hydrophilic PTFE, Dia. 13mm 0.45μm, 100pcs/pk
S25PTL022S		Syringe Filter, Sterile, Hydrophilic PTFE, Dia. 25mm 0.22μm, 50pcs/pk
S25PTL045S		Syringe Filter, Sterile, Hydrophilic PTFE, Dia. 25mm 0.45μm, 50pcs/pk
S33PTL022S		Syringe Filter, Sterile, Hydrophilic PTFE, Dia. 33mm 0.22μm, 50pcs/pk
S33PTL045S		Syringe Filter, Sterile, Hydrophilic PTFE, Dia. 33mm 0.45μm, 50pcs/pk

PVDF Hydrophobic

- Individually packaged.
- Good for sterile filtration.
- 100% integrity tested.
- For sterilization/clarification of water,buffers and salt solutions.

ORDERING INFORMATION

P/N	Picture	Description
S13PVB022S		Syringe Filter, Sterile, Hydrophobic PVDF, Dia. 13mm 0.22μm, 100pcs/pk
S13PVB045S		Syringe Filter, Sterile, Hydrophobic PVDF, Dia. 13mm 0.45μm, 100pcs/pk
S25PVB022S		Syringe Filter, Sterile, Hydrophobic PVDF, Dia. 25mm 0.22μm, 50pcs/pk
S25PVB045S		Syringe Filter, Sterile, Hydrophobic PVDF, Dia. 25mm 0.45μm, 50pcs/pk
S33PVB022S		Syringe Filter, Sterile, Hydrophobic PVDF, Dia. 33mm 0.22μm, 50pcs/pk
S33PVB045S		Syringe Filter, Sterile, Hydrophobic PVDF, Dia. 33mm 0.45μm, 50pcs/pk

PVDF Hydrophilic

- Individually packaged.
- Good for sterile filtration.
- 100% integrity tested.
- For sterilization/clarification of water,buffers and salt solutions.

ORDERING INFORMATION

P/N	Picture	Description
S13PVL022S		Syringe Filter, Sterile, PVDF, Dia. 13mm 0.22μm, 100pcs/pk
S13PVL045S		Syringe Filter, Sterile, PVDF, Dia. 13mm 0.45μm, 100pcs/pk
S25PVL022S		Syringe Filter, Sterile, PVDF, Dia. 25mm 0.22μm, 50pcs/pk
S25PVL045S		Syringe Filter, Sterile, PVDF, Dia. 25mm 0.45μm, 50pcs/pk
S33PVL022S		Syringe Filter, Sterile, PVDF, Dia. 33mm 0.22μm, 50pcs/pk
S33PVL045S		Syringe Filter, Sterile, PVDF, Dia. 33mm 0.45μm, 50pcs/pk

CA

- Individually packaged.
- Good for sterile filtration.
- 100% integrity tested.
- CA membranes are used in tissue culture media filtration.

ORDERING INFORMATION

P/N	Picture	Description
S13CA022S		Syringe Filter, Sterile, CA, Dia. 13mm 0.22μm, 100pcs/pk
S13CA045S		Syringe Filter, Sterile, CA, Dia. 13mm 0.45μm, 100pcs/pk
S25CA022S		Syringe Filter, Sterile, CA, Dia. 25mm 0.22μm, 50pcs/pk
S25CA045S		Syringe Filter, Sterile, CA, Dia. 25mm 0.45μm, 50pcs/pk
S33CA022S		Syringe Filter, Sterile, CA, Dia. 33mm 0.22μm, 50pcs/pk
S33CA045S		Syringe Filter, Sterile, CA, Dia. 33mm 0.45μm, 50pcs/pk

MCE

- Individually packaged.
- Good for sterile filtration.
- 100% integrity tested.
- Used to determine particulate contamination of lubricating oil and hydraulic fluid in patch test kits.
- Compatible with gamma irradiation.

ORDERING INFORMATION

P/N	Picture	Description
S13MCE022S		Syringe Filter, Sterile, MCE, Dia. 13mm 0.22μm, 100pcs/pk
S13MCE045S		Syringe Filter, Sterile, MCE, Dia. 13mm 0.45μm, 100pcs/pk
S25MCE022S		Syringe Filter, Sterile, MCE, Dia. 25mm 0.22μm, 50pcs/pk
S25MCE045S		Syringe Filter, Sterile, MCE, Dia. 25mm 0.45μm, 50pcs/pk
S33MCE022S		Syringe Filter, Sterile, MCE, Dia. 33mm 0.22μm, 50pcs/pk
S33MCE045S		Syringe Filter, Sterile, MCE, Dia. 33mm 0.45μm, 50pcs/pk

PP

- Individually packaged.
- Good for sterile filtration.
- 100% integrity tested.
- Good chemical compatibility in both aqueous solution and alcohol solution.

ORDERING INFORMATION

P/N	Picture	Description
S13PP022S		Syringe Filter, Sterile, PP, Dia. 13mm 0.22μm, 100pcs/pk
S13PP045S		Syringe Filter, Sterile, PP, Dia. 13mm 0.45μm, 100pcs/pk
S25PP022S		Syringe Filter, Sterile, PP, Dia. 25mm 0.22μm, 50pcs/pk
S25PP045S		Syringe Filter, Sterile, PP, Dia. 25mm 0.45μm, 50pcs/pk
S33PP022S		Syringe Filter, Sterile, PP, Dia. 33mm 0.22μm, 50pcs/pk
S33PP045S		Syringe Filter, Sterile, PP, Dia. 33mm 0.45μm, 50pcs/pk

GF

- Individually packaged.
- Good for sterile filtration.
- 100% integrity tested.
- Natural hydrophobicity.
- Maximum operating temperature: 45°C.

ORDERING INFORMATION

P/N	Picture	Description
S13GF070S		Syringe Filter, Sterile, GF, Dia. 13mm 0.7μm, 100pcs/pk
S13GF100S		Syringe Filter, Sterile, GF, Dia. 13mm 1.0μm, 100pcs/pk
S25GF070S		Syringe Filter, Sterile, GF, Dia. 25mm 0.7μm, 50pcs/pk
S25GF100S		Syringe Filter, Sterile, GF, Dia. 25mm 1.0μm, 50pcs/pk
S33GF070S		Syringe Filter, Sterile, GF, Dia. 33mm 0.7μm, 50pcs/pk
S33GF100S		Syringe Filter, Sterile, GF, Dia. 33mm 1.0μm, 50pcs/pk

RC

- Individually packaged.
- Good for sterile filtration.
- 100% integrity tested.
- The very low non-specific binding characteristics of this membrane makes it a perfect choice for biomolecule solutionsand other dissolved substances.

ORDERING INFORMATION

P/N	Picture	Description
S13RC022S		Syringe Filter, Sterile, RC, Dia. 13mm 0.22μm, 100pcs/pk
S13RC045S		Syringe Filter, Sterile, RC, Dia. 13mm 0.45μm, 100pcs/pk
S25RC022S		Syringe Filter, Sterile, RC, Dia. 25mm 0.22, 50pcs/pk
S25RC045S		Syringe Filter, Sterile, RC, Dia. 25mm 0.45μm, 50pcs/pk
S33RC022S		Syringe Filter, Sterile, RC, Dia. 33mm 0.22μm, 50pcs/pk
S33RC045S		Syringe Filter, Sterile, RC, Dia. 33mm 0.45μm, 50pcs/pk



DOPRAH ECONOMY SYRINGE FILTER

Doprah™

AKRIBIS · www.akribis.info · contacto@akribis.info

Welch Materials

Doprah Economy Syringe Filter

- Cost-efficiency with high quality.
- Simple packing to reduce the packing volume.
- No printing on the syringe filter to reduce produce cost.
- To meet different customer's requirements, Welch Materials introduces Doprah Series Syringe filter with outer ring as well.

ORDERING INFORMATION

P/N	Dimension	Material	Packing	Color
DM02015	Dia. 13mm 0.22 μm	NYLON	100pcs/pk	Light Yellow
DM02025	Dia. 13mm 0.45 μm	NYLON	100pcs/pk	Yellow
DM02035	Dia. 25mm 0.22μm	NYLON	100pcs/pk	Light Yellow
DM02045	Dia. 25mm 0.45μm	NYLON	100pcs/pk	Yellow
DM04015	Dia. 13mm 0.22 μm	PES	100pcs/pk	Light Green
DM04025	Dia. 13mm 0.45 μm	PES	100pcs/pk	Green
DM04035	Dia. 25mm 0.22μm	PES	100pcs/pk	Light Green
DM04045	Dia. 25mm 0.45μm	PES	100pcs/pk	Green
DM01015	Dia. 13mm 0.22 μm	MCE	100pcs/pk	Light Green
DM01025	Dia. 13mm 0.45 μm	MCE	100pcs/pk	Green
DM01035	Dia. 25mm 0.22μm	MCE	100pcs/pk	Light Green
DM01045	Dia. 25mm 0.45μm	MCE	100pcs/pk	Green
DM14015	Dia. 13mm 0.22 μm	Hydrophilic PTFE	100pcs/pk	Pink
DM14025	Dia. 13mm 0.45 μm	Hydrophilic PTFE	100pcs/pk	Red
DM14035	Dia. 25mm 0.22μm	Hydrophilic PTFE	100pcs/pk	Pink
DM14045	Dia. 25mm 0.45μm	Hydrophilic PTFE	100pcs/pk	Red

P/N	Dimension	Material	Packing	Color
DM13015	Dia. 13mm 0.22 μm	Hydrophobic PTFE	100pcs/pk	Pink
DM13025	Dia. 13mm 0.45 μm	Hydrophobic PTFE	100pcs/pk	Red
DM13035	Dia. 25mm 0.22μm	Hydrophobic PTFE	100pcs/pk	Pink
DM13045	Dia. 25mm 0.45μm	Hydrophobic PTFE	100pcs/pk	Red
DM06015	Dia. 13mm 0.22 μm	Hydrophilic PVDF	100pcs/pk	Light Purple
DM06025	Dia. 13mm 0.45 μm	Hydrophilic PVDF	100pcs/pk	Purple
DM06035	Dia. 25mm 0.22μm	Hydrophilic PVDF	100pcs/pk	Light Purple
DM06045	Dia. 25mm 0.45μm	Hydrophilic PVDF	100pcs/pk	Purple
DM05015	Dia. 13mm 0.22 μm	Hydrophobic PVDF	100pcs/pk	Light Purple
DM05025	Dia. 13mm 0.45 μm	Hydrophobic PVDF	100pcs/pk	Purple
DM05035	Dia. 25mm 0.22μm	Hydrophobic PVDF	100pcs/pk	Light Purple
DM05045	Dia. 25mm 0.45μm	Hydrophobic PVDF	100pcs/pk	Purple



Welch Materials



LABORATORY SYRINGE

welchrom

Laboratory Syringe

- Made from high-quality PP material, it has excellent chemical resistance.
- All batches of this product are produced in a clean environment that complies with the ISO 9001 standard.
- In addition, all syringes are designed to be compatible with Welch syringe filters and can also be used with Welch vials.



ORDERING INFORMATION

P/N	Picture	Description
00822-91749		2mL Disposable HPLC Laboratory syringe.100pcs/pk.
00822-91750		5mL Disposable HPLC Laboratory syringe.100pcs/pk.
00822-91751		10mL Disposable HPLC Laboratory syringe.100pcs/pk.
00822-91752		20mL Disposable HPLC Laboratory syringe.100pcs/pk.

Welch Materials



WELCHROM MEMBRANE FILTER



welchrom

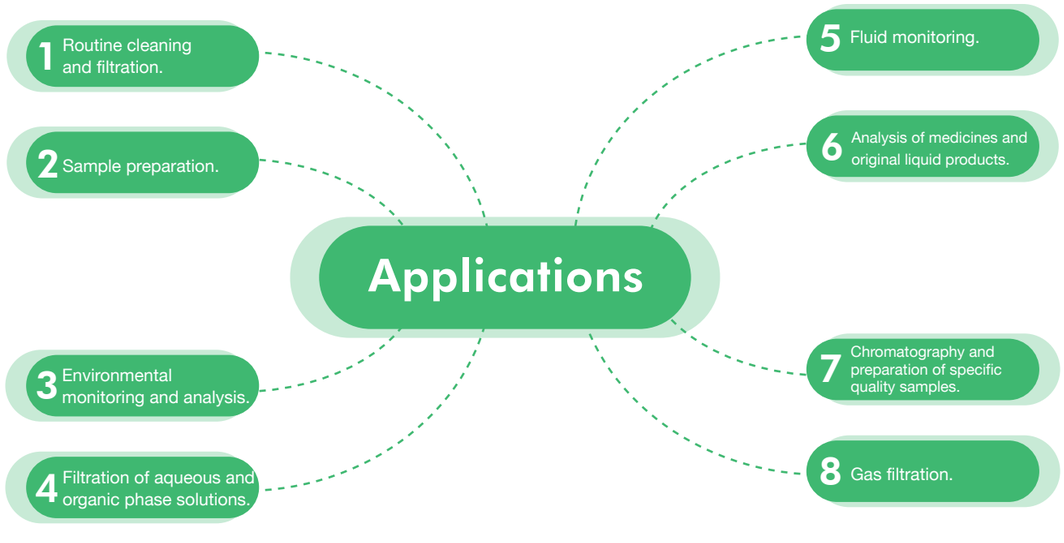
Membrane Filter

- Widely used for gravimetric analysis, microanalysis, colloid separation and sterility test.
- Material: polyetherdsulfone (PES), Nylon, MCE, PTFE, PVDF, CA, RC, GF etc.
- The microporous membrane filter is mainly used for the filtration of mobile phase and samples during the chromatographic analysis, especially for preventing chromatographic column and infusion pump line system and sample valve from pollution.

ORDERING INFORMATION

Material	Pore Size(μm)	Diameter(mm)
PES	0.05-1.0	13, 25, 37, 47, 90,142, 293
MCE	0.22-5.0	13, 25, 37, 47, 90, 142, 293/grid, black, sterile
Nylon	0.1- 5.0	13, 25, 37, 47, 90, 142, 293
PVDF Hydrophilic	0.22-0.45	13, 25, 37, 47, 90,142, 293
PVDF Hydrophobic	0.22-0.45	13, 25, 37, 47, 90,142, 293
PTFE Hydrophilic	0.1 -5.0	13, 25, 37, 47, 90,142, 293
PTFE Hydrophobic	0.1 -5.0	13, 25, 37, 47, 90,142, 293
PP	0.22-5.0	13, 37, 47, 90,125,142, 293
CA	0.22-3.0	13, 25, 37, 47, 90,142, 293
PP Mesh	25,45,80	25, 47, 90,142
Nylon Mesh	10-180	25, 47, 90, 30cmx3m
PC	0.05-8.0	13, 25, 37, 47, 90,142
RC	0.22-0.45	13, 25, 37, 47, 50, 90,142, 293
GF	0.22-1.0	13, 25, 37, 47, 90,142, 293

Welch Materials



47MM MCE GRID MEMBRANE FILTER

P/N	Description	Packing
M47MCE022GWN	MCE, Grid, White, 0.22μm, 47mm, Non-sterile	100pcs/pk
M47MCE045GWN	MCE, Grid, White, 0.45μm, 47mm, Non-sterile	100pcs/pk
M47MCE080GWN	MCE, Grid, White, 0.80μm, 47mm, Non-sterile	100pcs/pk
M47MCE022GBN	MCE, Grid, Black, 0.22μm, 47mm, Non-sterile	100pcs/pk
M47MCE045GBN	MCE, Grid, Black, 0.45μm, 47mm, Non-sterile	100pcs/pk
M47MCE080GBN	MCE, Grid, Black, 0.80μm, 47mm, Non-sterile	100pcs/pk

ORDERING INFORMATION

P/N	Description	Packing
M13NY022	Membrane, Nylon, Pore: 0.22µm, Dia: 13mm	400pcs/pk
M25NY022	Membrane, Nylon, Pore: 0.22µm, Dia: 25mm	200pcs/pk
M47NY022	Membrane, Nylon, Pore: 0.22µm, Dia: 47mm	100pcs/pk
M90NY022	Membrane, Nylon, Pore: 0.22µm, Dia: 90mm	100pcs/pk
M142NY022	Membrane, Nylon, Pore: 0.22µm, Dia: 142mm	50pcs/pk
M293NY022	Membrane, Nylon, Pore: 0.22µm, Dia: 293mm	25pcs/pk
M13NY045	Membrane, Nylon, Pore: 0.45µm, Dia: 13mm	400pcs/pk
M25NY045	Membrane, Nylon, Pore: 0.45µm, Dia: 25mm	200pcs/pk
M47NY045	Membrane, Nylon, Pore: 0.45µm, Dia: 47mm	100pcs/pk
M90NY045	Membrane, Nylon, Pore: 0.45µm, Dia: 90mm	100pcs/pk
M142NY045	Membrane, Nylon, Pore: 0.45µm, Dia: 142mm	50pcs/pk
M293NY045	Membrane, Nylon, Pore: 0.45µm, Dia: 293mm	25pcs/pk
M13PTB022	Membrane, Hydrophobic PTFE, Pore: 0.22µm, Dia: 13mm	400pcs/pk
M25PTB022	Membrane, Hydrophobic PTFE, Pore: 0.22µm, Dia: 25mm	200pcs/pk
M47PTB022	Membrane, Hydrophobic PTFE, Pore: 0.22µm, Dia: 47mm	100pcs/pk
M90PTB022	Membrane, Hydrophobic PTFE, Pore: 0.22µm, Dia: 90mm	100pcs/pk
M142PTB022	Membrane, Hydrophobic PTFE, Pore: 0.22µm, Dia: 142mm	50pcs/pk
M293PTB022	Membrane, Hydrophobic PTFE, Pore: 0.22µm, Dia: 293mm	25pcs/pk
M13PTB045	Membrane, Hydrophobic PTFE, Pore: 0.45µm, Dia: 13mm	400pcs/pk
M25PTB045	Membrane, Hydrophobic PTFE, Pore: 0.45µm, Dia: 25mm	200pcs/pk
M47PTB045	Membrane, Hydrophobic PTFE, Pore: 0.45µm, Dia: 47mm	100pcs/pk
M90PTB045	Membrane, Hydrophobic PTFE, Pore: 0.45µm, Dia: 90mm	100pcs/pk
M142PTB045	Membrane, Hydrophobic PTFE, Pore: 0.45µm, Dia: 142mm	50pcs/pk
M293PTB045	Membrane, Hydrophobic PTFE, Pore: 0.45µm, Dia: 293mm	25pcs/pk
M13PTL022	Membrane, Hydrophilic PTFE, Pore: 0.22µm, Dia: 13mm	400pcs/pk
M25PTL022	Membrane, Hydrophilic PTFE, Pore: 0.22µm, Dia: 25mm	200pcs/pk
M47PTL022	Membrane, Hydrophilic PTFE, Pore: 0.22µm, Dia: 47mm	100pcs/pk
M90PTL022	Membrane, Hydrophilic PTFE, Pore: 0.22µm, Dia: 90mm	100pcs/pk
M142PTL022	Membrane, Hydrophilic PTFE, Pore: 0.22µm, Dia: 142mm	50pcs/pk
M293PTL022	Membrane, Hydrophilic PTFE, Pore: 0.22µm, Dia: 293mm	25pcs/pk
M13PTL045	Membrane, Hydrophilic PTFE, Pore: 0.45µm, Dia: 13mm	400pcs/pk
M25PTL045	Membrane, Hydrophilic PTFE, Pore: 0.45µm, Dia: 25mm	200pcs/pk
M47PTL045	Membrane, Hydrophilic PTFE, Pore: 0.45µm, Dia: 47mm	100pcs/pk
M90PTL045	Membrane, Hydrophilic PTFE, Pore: 0.45µm, Dia: 90mm	100pcs/pk
M142PTL045	Membrane, Hydrophilic PTFE, Pore: 0.45µm, Dia: 142mm	50pcs/pk
M293PTL045	Membrane, Hydrophilic PTFE, Pore: 0.45µm, Dia: 293mm	25pcs/pk

Welch Materials

P/N	Description	Packing
M13CA022	Membrane, CA, Pore: 0.22µm, Dia: 13mm	400pcs/pk
M25CA022	Membrane, CA, Pore: 0.22µm, Dia: 25mm	200pcs/pk
M47CA022	Membrane, CA, Pore: 0.22µm, Dia: 47mm	100pcs/pk
M90CA022	Membrane, CA, Pore: 0.22µm, Dia: 90mm	100pcs/pk
M142CA022	Membrane, CA, Pore: 0.22µm, Dia: 142mm	50pcs/pk
M293CA022	Membrane, CA, Pore: 0.22µm, Dia: 293mm	25pcs/pk
M13CA045	Membrane, CA, Pore: 0.45µm, Dia: 13mm	400pcs/pk
M25CA045	Membrane, CA, Pore: 0.45µm, Dia: 25mm	200pcs/pk
M47CA045	Membrane, CA, Pore: 0.45µm, Dia: 47mm	100pcs/pk
M90CA045	Membrane, CA, Pore: 0.45µm, Dia: 90mm	100pcs/pk
M142CA045	Membrane, CA, Pore: 0.45µm, Dia: 142mm	50pcs/pk
M293CA045	Membrane, CA, Pore: 0.45µm, Dia: 293mm	25pcs/pk
M13CN022	Membrane, CN, Pore: 0.22µm, Dia: 13mm	400pcs/pk
M25CN022	Membrane, CN, Pore: 0.22µm, Dia: 25mm	200pcs/pk
M47CN022	Membrane, CN, Pore: 0.22µm, Dia: 47mm	100pcs/pk
M90CN022	Membrane, CN, Pore: 0.22µm, Dia: 90mm	100pcs/pk
M142CN022	Membrane, CN, Pore: 0.22µm, Dia: 142mm	50pcs/pk
M293CN022	Membrane, CN, Pore: 0.22µm, Dia: 293mm	25pcs/pk
M13CN045	Membrane, CN, Pore: 0.45µm, Dia: 13mm	400pcs/pk
M25CN045	Membrane, CN, Pore: 0.45µm, Dia: 25mm	200pcs/pk
M47CN045	Membrane, CN, Pore: 0.45µm, Dia: 47mm	100pcs/pk
M90CN045	Membrane, CN, Pore: 0.45µm, Dia: 90mm	100pcs/pk
M142CN045	Membrane, CN, Pore: 0.45µm, Dia: 142mm	50pcs/pk
M293CN045	Membrane, CN, Pore: 0.45µm, Dia: 293mm	25pcs/pk
M13MCE022	Membrane, MCE, Pore: 0.22µm, Dia: 13mm	400pcs/pk
M25MCE022	Membrane, MCE, Pore: 0.22µm, Dia: 25mm	200pcs/pk
M47MCE022	Membrane, MCE, Pore: 0.22µm, Dia47mm	100pcs/pk
M90MCE022	Membrane, MCE, Pore: 0.22µm, Dia: 90mm	100pcs/pk
M142MCE022	Membrane, MCE,Pore: 0.22µm, Dia: 142mm	50pcs/pk
M293MCE022	Membrane, MCE,Pore: 0.22µm, Dia: 293mm	25pcs/pk
M13MCE045	Membrane, MCE, Pore: 0.45µm, Dia: 13mm	400pcs/pk
M25MCE045	Membrane, MCE, Pore: 0.45µm, Dia: 25mm	200pcs/pk
M47MCE045	Membrane, MCE, Pore: 0.45µm, Dia47mm	100pcs/pk
M90MCE045	Membrane, MCE, Pore: 0.45µm, Dia: 90mm	100pcs/pk
M142MCE045	Membrane, MCE,Pore: 0.45µm, Dia: 142mm	50pcs/pk
M293MCE045	Membrane, MCE,Pore: 0.45µm, Dia: 293mm	25pcs/pk

P/N	Description	Packing
M13PES022	Membrane, PES Pore: 0.22µm, Dia: 13mm	400pcs/pk
M25PES022	Membrane, PES Pore: 0.22µm, Dia: 25mm	200pcs/pk
M47PES022	Membrane, PES Pore: 0.22µm, Dia: 47mm	100pcs/pk
M90PES022	Membrane, PES Pore: 0.22µm, Dia: 90mm	100pcs/pk
M142PES022	Membrane, PES Pore: 0.22µm, Dia: 142mm	50pcs/pk
M293PES022	Membrane, PES Pore: 0.22µm, Dia: 293mm	25pcs/pk
M13PES045	Membrane, PES Pore: 0.45µm, Dia: 13mm	400pcs/pk
M25PES045	Membrane, PES Pore: 0.45µm, Dia: 25mm	200pcs/pk
M47PES045	Membrane, PES Pore: 0.45µm, Dia: 47mm	100pcs/pk
M90PES045	Membrane, PES Pore: 0.45µm, Dia: 90mm	100pcs/pk
M142PES045	Membrane, PES Pore: 0.45µm, Dia: 142mm	50pcs/pk
M293PES045	Membrane, PES Pore: 0.45µm, Dia: 293mm	25pcs/pk
M13PVB022	Membrane, Hydrophobic PVDF, Pore: 0.22µm, Dia: 13mm	400pcs/pk
M25PVB022	Membrane, Hydrophobic PVDF, Pore: 0.22µm, Dia: 25mm	200pcs/pk
M47PVB022	Membrane, Hydrophobic PVDF, Pore: 0.22µm, Dia: 47mm	100pcs/pk
M90PVB022	Membrane, Hydrophobic PVDF, Pore: 0.22µm, Dia: 90mm	100pcs/pk
M142PVB022	Membrane, Hydrophobic PVDF, Pore: 0.22µm, Dia: 142mm	50pcs/pk
M293PVB022	Membrane, Hydrophobic PVDF, Pore: 0.22µm, Dia: 293mm	25pcs/pk
M13PVB045	Membrane, Hydrophobic PVDF, Pore: 0.45µm, Dia: 13mm	400pcs/pk
M25PVB045	Membrane, Hydrophobic PVDF, Pore: 0.45µm, Dia: 25mm	200pcs/pk
M47PVB045	Membrane, Hydrophobic PVDF,,Pore: 0.45µm, Dia: 47mm	100pcs/pk
M90PVB045	Membrane, Hydrophobic PVDF, Pore: 0.45µm, Dia: 90mm	100pcs/pk
M142PVB045	Membrane, Hydrophobic PVDF, Pore: 0.45µm, Dia: 142mm	50pcs/pk
M293PVB045	Membrane, Hydrophobic PVDF, Pore: 0.45µm, Dia: 293mm	25pcs/pk
M13PVL022	Membrane, Hydrophilic PVDF, Pore: 0.22µm, Dia: 13mm	400pcs/pk
M25PVL022	Membrane, Hydrophilic PVDF, Pore: 0.22µm, Dia: 25mm	200pcs/pk
M47PVL022	Membrane, Hydrophilic PVDF, Pore: 0.22µm, Dia: 47mm	100pcs/pk
M90PVL022	Membrane, Hydrophilic PVDF, Pore: 0.22µm, Dia: 90mm	100pcs/pk
M142PVL022	Membrane, Hydrophilic PVDF, Pore: 0.22µm, Dia: 142mm	50pcs/pk
M293PVL022	Membrane, Hydrophilic PVDF, Pore: 0.22µm, Dia: 293mm	25pcs/pk
M13PVL045	Membrane, Hydrophilic PVDF, Pore: 0.45µm, Dia: 13mm	400pcs/pk
M25PVL045	Membrane, Hydrophilic PVDF, Pore: 0.45µm, Dia: 25mm	200pcs/pk
M47PVL045	Membrane, Hydrophilic PVDF,Pore: 0.45µm, Dia: 47mm	100pcs/pk
M90PVL045	Membrane, Hydrophilic PVDF, Pore: 0.45µm, Dia: 90mm	100pcs/pk
M142PVL045	Membrane, Hydrophilic PVDF, Pore: 0.45µm, Dia: 142mm	50pcs/pk
M293PVL045	Membrane, Hydrophilic PVDF, Pore: 0.45µm, Dia: 293mm	25pcs/pk

P/N	Description	Packing
M13PP022	Membrane, PP Pore: 0.22µm, Dia: 13mm	400pcs/pk
M25PP022	Membrane, PP Pore: 0.22µm, Dia: 25mm	200pcs/pk
M47PP022	Membrane, PP Pore: 0.22µm, Dia: 47mm	100pcs/pk
M90PP022	Membrane, PP Pore: 0.22µm, Dia: 90mm	100pcs/pk
M142PP022	Membrane, PP Pore: 0.22µm, Dia: 142mm	50pcs/pk
M293PP022	Membrane, PP Pore: 0.22µm, Dia: 293mm	25pcs/pk
M13PP045	Membrane, PP Pore: 0.45µm, Dia: 13mm	400pcs/pk
M25PP045	Membrane, PP Pore: 0.45µm, Dia: 25mm	200pcs/pk
M47PP045	Membrane, PP Pore: 0.45µm, Dia: 47mm	100pcs/pk
M90PP045	Membrane, PP Pore: 0.45µm, Dia: 90mm	100pcs/pk
M142PP045	Membrane, PP Pore: 0.45µm, Dia: 142mm	50pcs/pk
M293PP045	Membrane, PP Pore: 0.45µm, Dia: 293mm	25pcs/pk
M13RC022	Membrane, RC, Pore: 0.22µm, Dia: 13mm	400pcs/pk
M25RC022	Membrane, RC, Pore: 0.22µm, Dia: 25mm	200pcs/pk
M47RC022	Membrane, RC, Pore: 0.22µm, Dia: 47mm	100pcs/pk
M90RC022	Membrane, RC, Pore: 0.22µm, Dia: 90mm	100pcs/pk
M142RC022	Membrane, RC, Pore: 0.22µm, Dia: 142mm	50pcs/pk
M293RC022	Membrane, RC, Pore: 0.22µm, Dia: 293mm	25pcs/pk
M13RC045	Membrane, RC, Pore: 0.45µm, Dia: 13mm	400pcs/pk
M25RC045	Membrane, RC, Pore: 0.45µm, Dia: 25mm	200pcs/pk
M47RC045	Membrane, RC,Pore: 0.45µm, Dia: 47mm	100pcs/pk
M90RC045	Membrane, RC, Pore: 0.45µm, Dia: 90mm	100pcs/pk
M142RC045	Membrane, RC, Pore: 0.45µm, Dia: 142mm	50pcs/pk
M293RC045	Membrane, RC, Pore: 0.45µm, Dia: 293mm	25pcs/pk