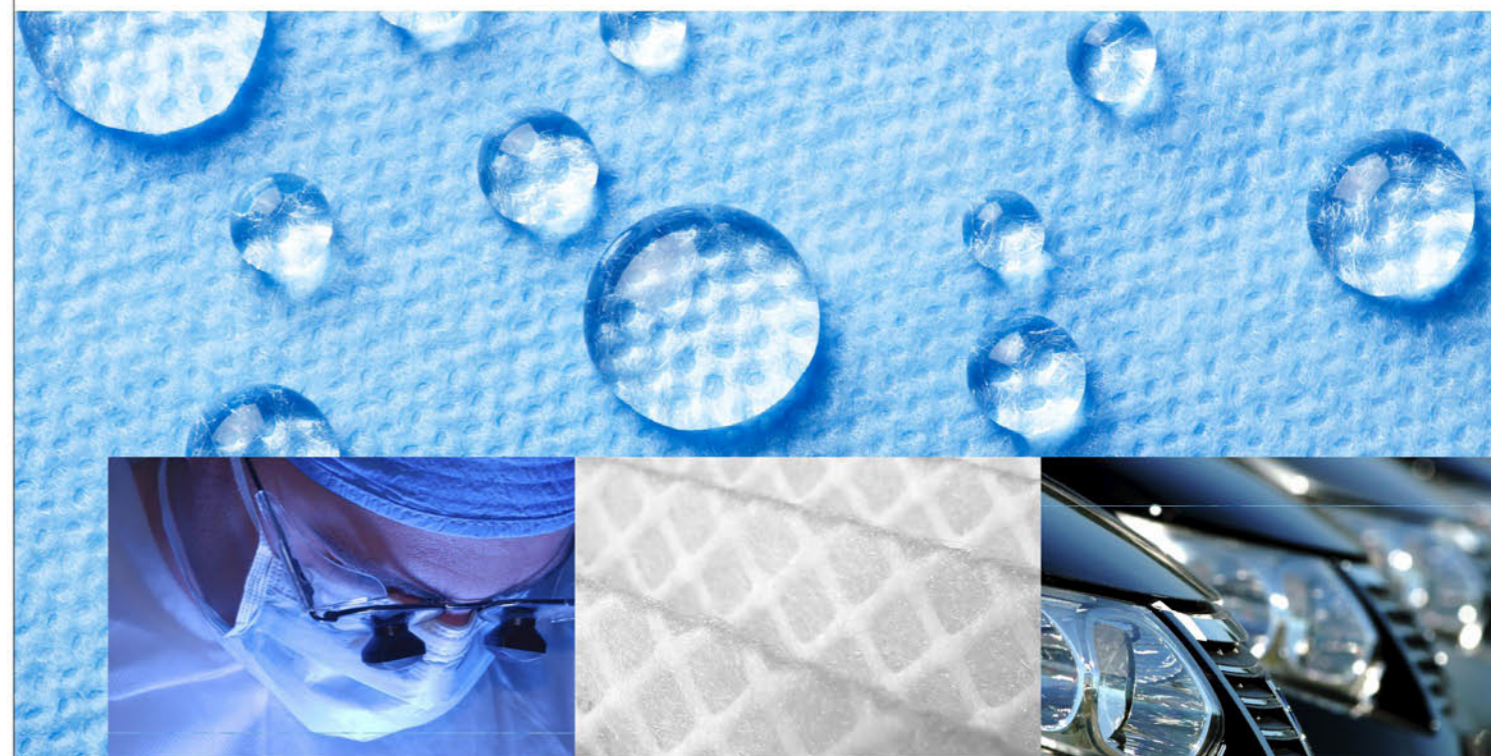


AGC

AsahiGuard
E-SERIES



A Fluorinated
Water and Oil Repellent
for Nonwovens

适用于非织造布的防水、防油剂

www.asahiguard.cn
www.agcchemsh.com

AGC Chemicals
ASAHI GLASS CO., LTD.
Shinyurakucho Bldg., 1-12-1 Yurakucho
Chiyoda-ku, Tokyo 100-8405 Japan
Tel +81-(0)3-3218-5504

Meisei Chemical Works, Ltd.
1, Nishi-kyogoku-Nakazawa-cho
Ukyo-ku, Kyoto 615-8666, Japan
Tel +81-75-312-8105

AGC Chemicals Trading (Shanghai) Co., Ltd.
旭硝子化工贸易(上海)有限公司
上海市长宁区娄山关路555号长房国际广场2701-2705室 200051
tel: +86-21-6386-2211 fax: +86-21-6386-5377/5378

Meisei Chemical Works, Ltd.
明成化学工业株式会社
上海市淮海中路918号久事复兴大厦17楼F-2座 200020
tel: +86-21-6415-0833 fax: +86-21-6415-0633

AGC

AGC Chemicals
Chemistry for a Blue Planet

AsahiGuard E-SERIES

Only fluoro chemicals repel both water and oil
只有氟化学能做到既防水又防油

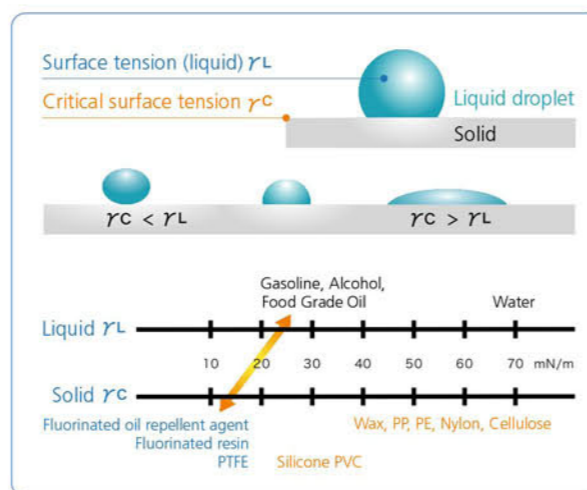
AsahiGuard is an excellent fluorinated water and oil repellent, stain resistant finishing agent created by Asahi Glass using our latest high technology.

AsahiGuard 具有卓越的防水防油性能，她是用了旭硝子最先进氟化工技术的含氟防水、防油、防污加工整理剂。

How does fluorine repels both water and oil 氟如何排斥水和油

Water resistance occurs when surface tension of the solid surface is lower than the liquid surface tension. (See diagram) Perfluoroalkyl group (Rf group) shows the lowest surface tension. The solid surface coated by the Rf group is resistant not only to water soluble liquids such as water, coffee and milk, but also to highly permeable liquids such as oil, alcohol and gasoline. Fluorinated water and oil repellent agents are recognised as being better than wax or silicone agents because of their better durability.

当防水剂油的表面张力小于水的表面张力，就会出现抗水性；
全氟烷基组（射频组）显示了最低的表面张力；
含氟抗水、抗油剂优于蜡或硅制剂，因为它们的耐用性更优越。



APPLICATIONS 适用范围

Medical, Hygiene 医疗, 卫生-医疗长袍



Medical gown, Scrub for operation, Operation cover cloth, Masks, Sheets, Pillow case and Taping

SUBSTRATE: Polyester / cellulose, Polyester / pulp spunlace nonwoven, Polyolefin nonwoven such as SMS

WOR FEATURES: Water repellency, Alcohol repellency, Hydrostatic head pressure, Oil repellency, Compatibility with other additives

悬垂披盖，手术用洗涤用品，口罩，手术覆盖布，长袍，床单，枕套和绝缘绕阻（胶带捆拿）

衬底：涤纶/纤维素，聚酯/纸浆 水刺非织造布，纺熔法非织造布，如SMS

作用：抗水，抗酒精，抗水压，抗油，与其他添加剂兼容

Filtration 过滤器



Air filter for transportation, clean room, industrial, household and various media membranes

SUBSTRATE: Polyester nonwoven, glass fiber nonwoven

WOR FEATURES: Water repellency, hydrostatic head and compatibility with other additives

运输用的空气过滤器，洁净室，工业，家庭用的和各种接触膜

衬底：基聚酯非织造布，玻璃纤维非织造布

作用：抗水，抗水压及与其他添加剂兼容

Automotive 汽车



Interior and noise insulator

SUBSTRATE: Synthetic nonwoven

WOR FEATURES: Water repellency, Oil repellency and Soil resistance

室内和噪音绝缘器

衬底：合成非织造布

作用：抗水，抗油，抗土壤灰尘

We offer suitable product for the following applications.

PFOA* free grades are available! 我们提供适用于以下范围内的不含PFOA*的助剂

| APPLICATIONS 适用范围 | | Water Repellent 防水 | Alcohol Repellent 抗酒精 | Oil Repellent 抗油 | Compatibility with 兼容性 |
|-----------------------------------|---|--------------------|-----------------------|------------------|----------------------------------|
| FIELD 领域 Medical, Hygiene 医药卫生 | Polyester / Cellulose, Polyester / Pulp Spunlace Nonwoven 涤纶/纤维素, 聚酯/纸浆纺熔法非织造布 | ✓ | ✓ | ✓ | |
| | Polyolefin SMS, SMMS Nonwoven 聚烯烃 SMS, SMMS 非织造布 | ✓ | ✓ | | Antistatic 防静电剂 |
| Filtration 过滤 | Synthetic Nonwoven 合成非织造布 | ✓ | | ✓ | |
| | Glass Fiber Nonwoven 玻璃纤维非织造布 | ✓ | | | Binder 粘合剂 |
| Automotive 汽车 | Glass Fiber Nonwoven 合成非织造布 | ✓ | | ✓ | Binder, Flame retardant 粘合剂, 阻燃剂 |

All sample features: Non-flammable, Not contain alkylphenol compounds, TSCA listed
所抽样的特征为：不燃，不含烷基酚化合物，列入有毒物质控制法 (TSCA)

* "PFOA free" (at or above detection limit.)
* 不含PFOA (低于检测极限)