3M Science. Applied to Life.™

3M™ Health Care Surgical Masks and Respirators

Quality and Comfort for Healthcare Professionals

Health Care N95 Respirators

Catalog Number	Product Name	Breathability (ΔP: mmH_2O/cm^2)[1]	Filtration* BFE[2]	Filtration* PFE[3]	ASTM[4] Fluid and Splash-Resistance	Flammability Rating	Additional Features
1804, N95 	3M™ VFlex™ Health Care Particulate Respirator and Surgical Mask	Meets or exceeds NIOSH[5] specifications for ΔP	-	-	80 mmHg	Class I	Adjustable nose clip, v-shaped pleats, flat-fold design, stapled headbands
1804S, N95 	3M™ VFlex™ Health Care Particulate Respirator and Surgical Mask, Small	Meets or exceeds NIOSH[5] specifications for ΔP	-	-	80 mmHg	Class I	Small version, adjustable nose clip, v-shaped pleats, flat-fold design, stapled headbands
1860, N95 	3M™ Health Care Particulate Respirator and Surgical Mask	Meets or exceeds NIOSH[5] specifications for ΔP	-	-	120 mmHg	Class I	Adjustable nose clip, cup shaped, braided and stapled headbands
1860S, N95 	3M™ Health Care Particulate Respirator and Surgical Mask, Small	Meets or exceeds NIOSH[5] specifications for ΔP	-	-	80 mmHg	Class I	Small version, adjustable nose clip, cup shaped, braided and stapled headbands
1870+, N95 	3M™ Aura™ Health Care Particulate Respirator and Surgical Mask	Meets or exceeds NIOSH[5] specifications for ΔP	-	-	160 mmHg	Class I	Adjustable nose clip, 3-panel, flat-fold design, stapled headbands, individually packaged, compatible with eyewear

* N95 respirators must have >95% filtration efficiency per the National Institute for Occupational Health and Safety (NIOSH) test methods in 42 CFR 84.

Surgical Masks

Catalog Number	Product Name	Breathability (ΔP: mmH_2O/cm^2)[1]	Filtration		ASTM[4] Fluid and Splash-Resistance	Flammability Rating	Additional Features
			BFE[2]	PFE[3]			
1818 	3M™ Tie-On Surgical Mask	< 4.0	≥ 98 %	≥ 95 %	-	Class I	Soft, rayon material, intended for use in environments with minimal fluid exposure
1818FS 	3M™ Tie On Surgical Mask with Face Shield	< 4.0	≥ 98 %	≥ 95 %	-	Class I	Soft, rayon material, anti-fog, anti-reflective face shield, intended for use in environments with minimal fluid exposure
1835 	3M™ High Fluid-Resistant Surgical Mask	< 6.0	≥ 98 %	≥ 98 %	160 mmHg	Class I	Tie-on design, meets ASTM F2100-11 Level 3 requirements
1835FS 	3M™ High Fluid-Resistant Surgical Mask with Face Shield	< 6.0	≥ 98 %	≥ 98 %	160 mmHg	Class I	Anti-fog face shield, meets ASTM F2100-11 Level 3 requirements
1838R 	3M™ High Performance Surgical Mask	< 6.0	≥ 98 %	≥ 98 %	120 mmHg	Class I	Tie-on design, duckbill style, meets ASTM F2100-11 Level 2 requirements
1838FSG 	3M™ High Performance Surgical Mask with Face Shield	< 6.0	≥ 98 %	≥ 98 %	120 mmHg	Class I	Tie-on design, duckbill style, anti-fog, anti-reflective face shield, meets ASTM F2100-11 Level 2 requirements

Procedure Masks

Catalog Number	Product Name	Breathability (ΔP: mmH_2O/cm^2)[6]	Filtration BFE[7]	Filtration PFE[3]	ASTM[4] Fluid and Splash-Resistance	Flammability Rating	Additional Features
1820 	3M™ Earloop Procedure Face Mask	< 4.0	≥ 95 %	≥ 95 %	-	Class I	Intended for use in environments with minimal fluid exposure
1820FS 	3M™ Earloop Procedure Face Mask with Face Shield	< 4.0	≥ 95 %	≥ 95 %	-	Class I	Intended for use in environments with minimal fluid exposure

Catalog Number	Product Name	Breathability (ΔP: mmH_2O/cm^2)[1]	Filtration BFE[2]	Filtration PFE[3]	ASTM[4] Fluid and Splash-Resistance	Flammability Rating	Additional Features
1840 	3M™ High Fluid-Resistant Procedure Mask	< 6.0	≥ 98 %	≥ 98 %	160 mmHg	Class I	Earloop design, meets ASTM F2100-11 Level 3 requirements
1840FS 	3M™ High Fluid-Resistant Procedure Mask with Face Shield	< 6.0	≥ 98 %	≥ 98 %	160 mmHg	Class I	Earloop design, anti-fog face shield, meets ASTM F2100-11 Level 3 requirements

1. Based on testing completed in accordance with EN 14683:2019
2. Bacterial Filtration Efficiency (BFE) based on testing conducted per ASTM F2101-19
3. Particle Filtration Efficiency (PFE) values based on testing conducted per ASTM F2299-03 at 0.1 micron diameter. PFE test results are provided for comparing performance of medical face masks under similar laboratory conditions. This does not reflect expected levels of filtration efficiency in actual use conditions nor replace theneed to use NIOSH certified respirators if exposed to hazardous airborne contaminants.
4. Testing conducted per ASTM 1862-17
5. NIOSH 42 CFR 84 Certified
6. Testing conducted per MIL-M-36954C
7. Bacterial Filtration Efficiency (BFE) based on testing conducted per ASTM F2101-14

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70-2011-7954-9