

Fluid Resistant Face Masks Blood Splash Test ASTM F 1862

Precept's FluidGard[®] and GlareGard[™] Surgical and Procedure Masks pass ASTM F 1862-07, *Standard Test Method for Resistance of Medical Face Masks to Penetration by Synthetic Blood*, at the highest tested level of 160 mmHg and meet the High Barrier Performance Class of ASTM 2100-07, *Standard Specification for Performance of Materials Used in Medical Face Masks*.

Item #	Description	Color	Packaging
15300	FluidGard [®] Procedure Mask	Blue Diamond	50/Bx, 10 Bx/Cs
15301	FluidGard [®] Anti-Fog Procedure Mask	Blue Diamond	50/Bx, 10 Bx/Cs
15310	FluidGard [®] Procedure Mask with Extended Shield	Blue Diamond	25/Bx, 4 Bx/Cs
15315	FluidGard [®] Procedure Mask with SnapShield	Blue Diamond	25/Bx, 4 Bx/Cs
15320	FluidGard [®] Surgical Mask	Blue Diamond	50/Bx, 6 Bx/Cs
15330	FluidGard [®] Surgical Mask with Extended Shield	Blue Diamond	25/Bx, 4 Bx/Cs
15335	FluidGard [®] Surgical Mask with SnapShield	Blue Diamond	25/Bx, 4 Bx/Cs
15400	FluidGard [®] KittyKare [™] Procedure Mask	KittyKare [™] Print	50/Bx, 10 Bx/Cs
15410	FluidGard [®] KittyKare [™] Procedure Mask with Extended Shield	KittyKare [™] Print	25/Bx, 4 Bx/Cs
15420	FluidGard [®] KittyKare [™] Surgical Mask	KittyKare [™] Print	50/Bx, 6 Bx/Cs
15500	Fluid Resistant Procedure Mask	Blue	50/Bx, 10 Bx/Cs
15510	Fluid Resistant Procedure Mask with Extended Shield	Blue	25/Bx, 4 Bx/Cs
15520	Fluid Resistant Surgical Mask	Blue	50/Bx, 10 Bx/Cs
15530	Fluid Resistant Surgical Mask with Extended Shield	Blue	25/Bx, 4 Bx/Cs
15710	GlareGard [™] Fluid Resistant Procedure Mask with Extended Shield	Black/Blue	25/Bx, 4 Bx/Cs
15730	GlareGard [™] Fluid Resistant Surgical Mask with Extended Shield	Black/Blue	25/Bx, 4 Bx/Cs
65-3395	N95 Particulate Respirator (Regular Size)	White	20/Bx, 6Bx/Cs
65-3395s	N95 Particulate Respirator (Small Size)	White	20/Bx, 6Bx/Cs

ASTM F 1862

Standard Test Method for Resistance of Medical Face Masks to Penetration by Synthetic Blood

Before



After



Results — No Strikethrough!



Testing Information

Test method ASTM F 1862 evaluates the ability of Face Mask materials to resist penetration by synthetic blood. This test method helps manufacturers develop Face Masks that protect the wearer against contamination from bodily fluids. A high velocity stream of synthetic blood is directed at the Face Mask within the testing cell. This simulates a stream of blood spurting from a patient puncture wound. ASTM F 1862 permits testing at three different pressures: 80 mmHg (low human blood pressure), 120 mmHg (normal human blood pressure) and 160 mmHg (high human blood pressure/ significant hypertension). After the Face Mask is sprayed with synthetic blood, the inside surface of the mask is evaluated for any evidence of synthetic blood penetration. The Face Mask is determined to have passed ASTM F 1862 at the specified tested pressure, if no penetration is observed.