

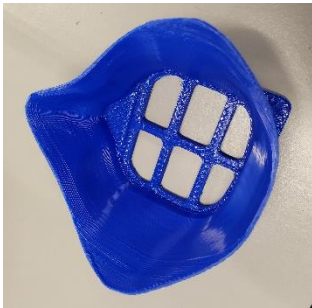
SLUHN FI 3d Mask – Bill of Materials

Rev: 6.17.20



COMPONENTS:

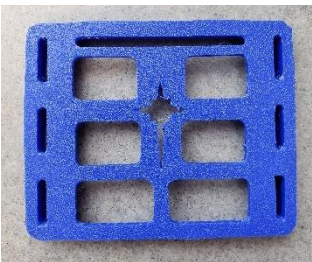
MASK – 3D Printed



FILTER 9cm x 9cm (3½" x 3½")



GRILL COVER – 3D Printed



ELASTIC, 5/16" wide x 33" long



SILICONE GASKET (molded in-house)



GOGGLES CLIP – 3D Printed



BILL OF MATERIALS

The mask consists of six different components.

- 1) Mask Body
 - a) 3D Printed

FLEX 45 - Flexible Thermoplastic Co-polyester (TPC) Printing Filament, a rubber-like 3D printer filament with a shore hardness of 45D that allows for the printing of flexible objects. FLEX 45 also exhibits excellent UV resistance.
- 2) Grill Cover
 - a) 3D Printed

FLEX 45 - Flexible Thermoplastic Co-polyester (TPC) Printing Filament, a rubber-like 3D printer filament with a shore hardness of 45D that allows for the printing of flexible objects. FLEX 45 also exhibits excellent UV resistance.
- 3) Filter Square
 - a) One 9cm x 9cm (3.5 in x 3.5 in) square
 - b) To be cut from an approved FFP2 mask
 - i) ARUN KN95 FACE MASK, EN149:2001+A1:2009, GB2626-2006, KN95, DONGGUAN ARUN INDUSTRIAL CO.
- 4) Elastic strap
 - a) One piece, 84 cm (33 inches)
 - b) SLUHN order number (333099)
- 5) Elastic Strap clip
 - a) 3D Printed
 - i) PLA - (Polylactic Acid)
- 6) Silicone gasket, molded
 - a) EcoFlex 00-35 FAST
 - b) Gasket Adhesive – Sil-Poxy, skin safe silicone adhesive
 - c) Certified Skin Safe - Materials are skin safe and certified by an independent laboratory. Liquid Ecoflex™ 00-35 FAST will cure against the skin and can be used for life casting applications. Ecoflex™ 00-35 FAST can also be used for a variety of skin safe applications including making skin safe appliances, cushioning for orthopedic and orthotic devices worn on the body.