SLUHN FI 3d Mask – Bill of Materials
Rev: 6.17.20

COMPONENTS:

MASK – 3D Printed

GRILL COVER – 3D Printed

SILICONE GASKET (molded in-house)

FILTER 9cm x 9cm (3½ “x3½”)

ELASTIC, 5/16” wide x 33” long

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.