

SCOPE

To furnish an Aluminum Frame Screen with stainless steel screen mesh that will fulfill the requirements of Maintenance, Security and Child Safety. Constructed with a profile, that will make it possible to replace existing window screens in a majority of the windows that have a track system. Optional additions are available such as hinges, spring latches and single point latches, framing angles and mounting hardware, can be furnished where required.

MATERIALS

1. All sections of the screen shall be an Extruded Aluminum solid profile of a 6063-T Alloy.
2. Wire Cloth shall be standard tensile strength stainless steel alloy #304, .018", .023" or .028" diameter. 16ga, 18ga. And 20ga. galvanealed perforated material is also available.
3. Frame profile shall not exceed .25" at track insertion point.

CONSTRUCTION

1. The frame shall be cut with a mitered corner construction. The screen material will be compressed into the jaw of the frame material and the frame miters will be welded.
2. The screen material is held in place in the pressed area of the screen frame by the design of the aluminum extrusion.
3. Stainless Steel Tension Springs can be included on the side or the top depending on the window application.
4. Screen may be used as an insert style or mounted separately in a sub frame system, hinged, barrel bolts or other attachments as needed.

FINISH

1. All exposed areas of stainless wire cloth and frames shall be thoroughly washed, rinsed and chemically pre-treated in preparation for powder coating when a paint finish is required. A Polyester Powder Coat paint finish shall be electrostatically applied, and baked for a minimum of 15 minutes at 400 degrees F. Powder coat paint finish shall be a minimum of 1.5 mil thickness.