Cable Grommets and Cable

Cable grommets are offered for popular cable diameters of $\frac{1}{8}''$, $\frac{3}{16}''$, $\frac{1}{4}''$, $\frac{5}{16}''$ and $\frac{3}{8}''$. They help prevent rust in exterior applications or elsewhere where moisture is a factor, by providing a barrier between the cable and the painted or powder-coated surface through which the cable is drawn when being installed. Ultra-tec cable grommets are installed (after the paint or powder coating is applied) into holes in intermediate posts, cable braces and, in the case of the Invisiware radius ferrule, Push-Lock™, and Pull-Lock™ fittings into the end post holes through which the cable exits. They are offered in black UV resistant Delrin®.

Order cable grommets by diameter of cable and post through which the cable will be drawn.

Cable:

Sizes offered. Five sizes of cable are offered for the Ultra-tec Cable Railing System: $\frac{1}{8}''$, $\frac{3}{16}''$, $\frac{1}{4}''$, $\frac{5}{16}''$ and $\frac{3}{8}''$.

Cable construction. For most applications, we recommend 1x19 construction, type 316 stainless steel cable. 1x19 construction cable is engineered to hold static loads without stretching, and it is relatively stiff. Other cable constructions can be used, such as 7x7 or 7x19, but they are rarely recommended because of their elevated levels of stretch and lower breaking strengths in comparison to 1x19 construction.

Swaging – attaching fittings to cable.

Our swageless fittings do not require swaging, since the hardware is attached to the cable by hand. Other Ultra-tec hardware is swaged using hydraulic presses that apply up to 55 tons of pressure to swage the fittings. Ultra-tec portable swagers are available for purchase or rent, or in many cases the factory can supply cable with fittings attached. It is worth noting that fittings cannot be successfully swaged onto 1x19 construction cable using hand swagers offered by others. In those instances, less desirable constructions must be used. That is never the case with Ultra-tec hardware.

Measuring Cable:

Wagner can cut Cable and swage Fittings on Cables up to 60 feet in length.

To measure Cable when ordering pre-cut and swaged Cable:

- Clearly identify Fittings – by part number – that are to be used with the Cable.
- For Invisiware® Receiver, Radius Ferrule or Clip-On Stop hardware, measure from back side of the Post.
- For Adjust-A-Jaw®, Adjust-A-Body®, Threaded Stud with Welded Receiver or Fixed Jaw hardware, measure from the inside surface of the Fittings.
- For Adjust-A-Jaw, Adjust-A-Body or Fixed Jaw hardware, you may also measure from the center of the mounting hole.
- Measure Rail as if all are straight from tensioning Post to Anchor Post. If rail is on a slope, measure on the slope.

Note: Re-spooling charges apply for orders under 5,000 feet.