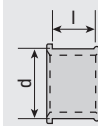


Cable grommets

Cable grommets are offered for popular cable diameters of 1/8", 3/16" and 1/4". **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®.

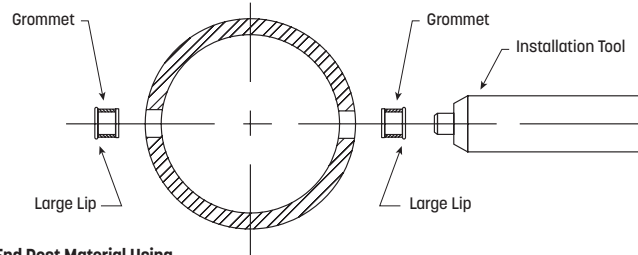
Order cable grommets by diameter of cable and post through which the cable will be drawn.

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Grommet Dimensions

PART NUMBER	d	l	PART NUMBER	d	l
CRGC50100	.250"	.500"	CRGIC62100	.312"	.120"
CRGC62100	.250"	.120"	CRGIC61100	.370"	.150"
CRGC61100	.250"	.150"	CRGIC64100	.370"	.250"
CRGC63100	.250"	.190"	CRGIC82100	.424"	.120"
CRGC64100	.250"	.250"	CRGIC81100	.424"	.150"
CRGC82100	.312"	.120"	CRGIC84100	.424"	.250"
CRGC81100	.312"	.150"			
CRGC83100	.312"	.190"			
CRGC84100	.312"	.250"			



Cable Size	Intermediate Post Material Not Slotted for Stairways				End Post Material Using Radius Ferrule, Push-Lock or Pull-Lock Fittings*			Intermediate Post Material Slotted For Stairway Pitch Up To 37 Degrees		
	1/4" TO 2" PIPE, SCHEDULE 40	SQUARE OR RECTANGULAR TUBE WITH .120" WALL	1/4" CABLE BRACE	1/2" FLAT BAR	1/4" TO 2" PIPE	SQUARE OR RECTANGULAR TUBE WITH .250" WALL	1/4" TO 2" PIPE	SQUARE OR RECTANGULAR TUBE WITH .120" WALL	1/4" CABLE BRACE	
1/8"	CRGC61100	CRGC62100	CRGC64100	CRGC50100	CRGC63100	CRGC64100	CRGIC61100	CRGIC62100	CRGIC64100	
3/16"	CRGC61100	CRGC62100	CRGC64100	CRGC50100	CRGC63100	CRGC64100	CRGIC61100	CRGIC62100	CRGIC64100	
1/4"	CRGC81100	CRGC82100	CRGC84100		CRGC83100	CRGC84100	CRGIC81100	CRGIC82100	CRGIC84100	

Cable Grommets are sold in packages of 100.

Grommets are not required with 1/4" Pipe which has been counterbored for use with 1/2" Push/Pull-Locks or with 2" or 3" tube using Push/Pull-Locks.

Cable

Sizes offered. Five sizes of cable are offered for the Ultra-tec Cable Railing System: 1/8", 3/16", 1/4", 5/16" and 3/8".



Cable construction. For most applications, we recommend 1 x 19 construction, type 316 stainless steel cable. 1 x 19 construction cable is engineered to hold static loads without stretching, and it is relatively stiff. Other cable constructions can be used, such as 7 x 7 or 7 x 19, but they are rarely recommended because of their elevated levels of stretch and lower breaking strengths in comparison to 1 x 19 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 1 x 19 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.



Cable

Cable Size	Minimum Breaking Strength	STAINLESS
1/8"	1,780 lbs	CR4AS2
3/16"	4,000 lbs	CR6AS2
1/4"	6,900 lbs	CR8AS2
5/16"	10,600 lbs	CR10AS2
3/8"	14,800 lbs	CR12AS2

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.

NUMBERS IN BOLD TYPE are typically in stock. Other items may not be available for immediate shipment or are made-to-order - requiring a minimum quantity and a longer lead time. Visit shop.wagnercompanies.com for availability.