



Instructions for Sourcing Materials  
for Installing Garrett Tubular Wovens<sup>®</sup>  
as a Hand Rail

# MATERIALS

The four parts that need to be sourced for this installation are:

- Garrett Tubular Wovens®
- Railing tube
- Attachment points
- End caps or posts

Garrett Leather Tubular Wovens are available in two weaves, three diameters and four colors. The three diameters are 1 inch, 1 3/8 inch and 1 7/8 inch.



**Garrett**  
Leather

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# RAILING TUBE

Railing tube is typically sold in 1 inch, 1 ½ inch, 1.67 inch & 2 inch outer diameters. ADA compliant hand railings should use 1 inch or 1 ¼ outer diameter railing tube with 1" inner diameter tubular wovens, to result in a final diameter within ADA guidelines of 1 ¼ inch or 1 ½ inch, respectively.

Note: Plan for the outer dimension of the core rod to be the same size as or slightly larger than the inner dimension of the tubular wovens used. The tubular wovens will stretch for a tight fit. Always round up when calculating the length needed because as the tubular wovens stretch over the core rod, the length will shrink. You will lose approximately 1 inch for every yard of distance. It is recommended that you never pre-cut your lengths. It should be applied and marked where cuts are needed.

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# ATTACHMENTS

Option 1 for attachment points include using circle style attachments and end posts. 2 inch inner diameter center post and end post should be used in conjunction with 1.67 inch tubing and 1 3/8 inch tubular woven leather.

Note: The tubular woven leather will add roughly ¼ inch to the railing diameter. For instance, using a 1.67 inch diameter core with 0.25 inch thick tubular wovens will yield a 1.92 inch final tube size.

Option 2 for attachment points include using cradle type attachments and end caps. 2 inch inner diameter end caps should be used in conjunction with 1.67 inch tubing and 1 3/8 inch tubular woven leather.

Please contact your Garrett Leather sales representative with any questions.

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