TUBING OD/OD/Outer Diameter

At MettleAir we try our best to make sizing simple. That is why all of our quality MettleAir branded Tubing and Push to Connect Fittings are listed and sized using Outer Diameter.

You can identify OD of your existing tubing, by simply reading off the tubing's outisde wall . The most common industry format is OD x ID. For example our 1/4" OD tubing reads like so "MettleAir Polyurethane 1/4"OD x 0.16"ID ***PSI @ **F". Which means the tubing's Outer Diameter is 1/4". Other tubing makers may use the same format, but neglect to mark the OD or ID, in this case it is common to have the larger number be the OD, but if it is confusing, feel free to contact us for assistance.

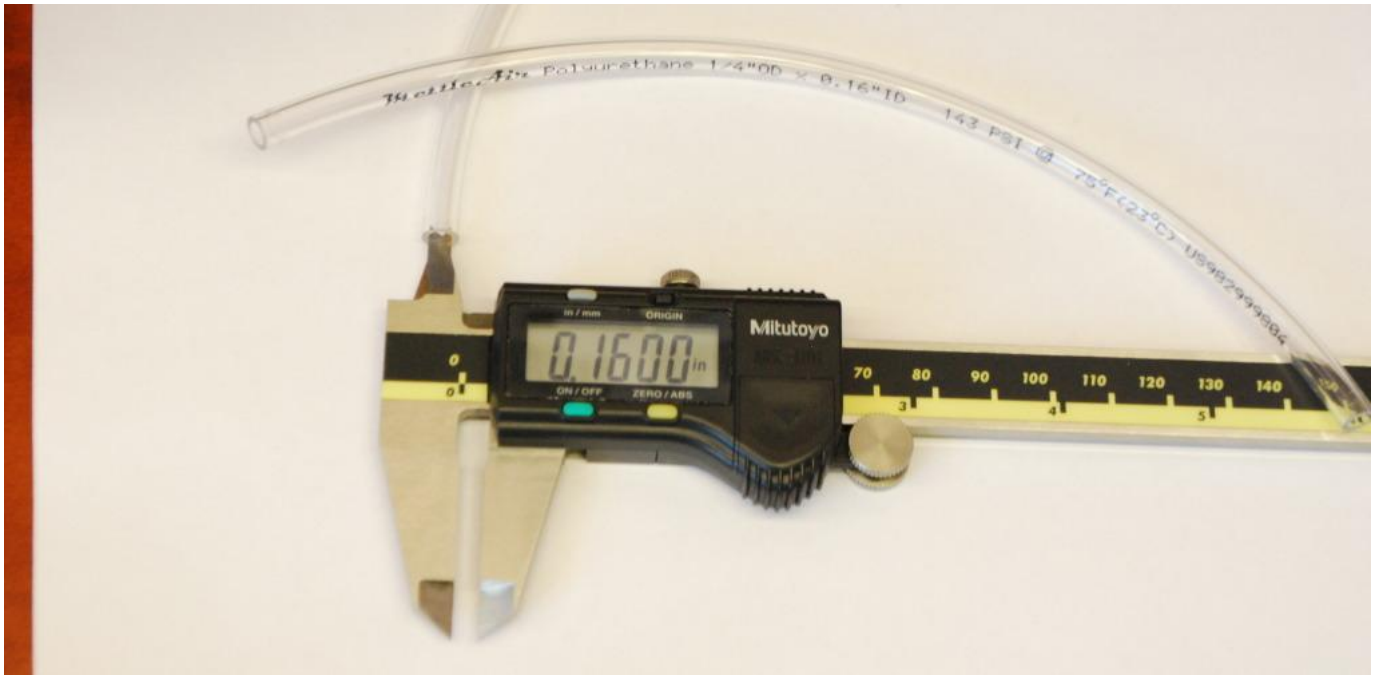
The Outer Diameter measurement on Push To Connect Fittings is used to identify which kind of tubing it matches. For example the MTU 1/4 features 1/4" Push To Connect sleeves that are suitable for 1/4" OD tubing. All MettleAir fittings feature raised number that allow users to easily identify the OD sizing on the easily recognizable blue push to connect sleeve.

Still unsure? Feel free to contact us for more assistance.

Hose ID/ID/Inner Diameter

Finding Hose ID is a bit tricker, as it is commonly used with brass barbed fittings.

You can identify ID of your existing tubing, by simply reading off the tubing's outisde wall . The most common industry format is OD x ID. For example our 1/4" OD tubing reads like so "MettleAir Polyurethane 1/4"OD x 0.16"ID ***PSI @ **F". Which means the tubing's Interior Diameter is 0.16". Other tubing makers may use the same format, but neglect to mark the OD or ID, in this case it is common to have the smaller number be the ID, but if it is confusing, feel free to contact us for assistance.



The Hose ID/Interior Diameter measurement on brass barbed fittings is used to identify which kind of tubing it matches. For example the 125-2B features a 1/8" Hose ID end that is suitable for 1/8 " ID (0.16" ID) tubing. Below is how you measure Hose ID off your existing fitting, notice how we used the very tip of the brass fitting and that it is acutally measuring the inner most points of the barb's exterior/tip. (Degree of tolerence varies between tubing and fitting).

Still unsure? Feel free to contact us for more assistance.