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Engineering And Software For The Natural Gas Industry

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GASWorkS 10 - Property Tables



Over the past year, we have highlighted many of the great [new features](#) that GASWorkS 10 has to offer. This month, we will review a feature carried over from prior versions - Property Tables.

Property Tables contain data about the different types of equipment and material used to construct a gas system. GASWorkS 10 offers Property Tables for pipes, regulators, compressors, valves, wells, and fittings.

The tables contain "records", which are a collection of common values for a particular piece of equipment. These records include such values as inside diameter for pipes, and equivalent lengths for fittings. Each record must have a unique *Size/Type Code* to identify it. When a pipe feature in the model is identified with a *Size/Type Code* from the Pipe Property Table, the values from the corresponding record in the table are used as needed by GASWorkS.

To use a Property Table in the model, go to the File menu, scroll down to the Preferences submenu, and click the Property Tables item. This brings up the Property Table Selection screen, which contains a series of dropdown lists associated with each feature type. The *Pipe* list contains the Pipe Property Tables found in the current path, for example. Select the desired table from the correct list. If you do not see your table in the list, you may need to change the *Current Property Table Path*. This tells GASWorkS the folder where the Property Table files are held. The *Change Path* command button brings up the Path Settings screen, where you can select a different path as needed.

GASWorkS 10 comes installed with several default Property Tables in the *properties* folder under the GASWorkS 10 directory. Examples include pipe tables with Copper Tube size (CTS) specifications, Iron Pipe size (IPS) specifications, US Customary units (inches, Psi), and SI units (millimeters, MPa). These tables were created from a

combination of manufacturer literature and industry-related publications.

Next time, we will explain how to edit a Property Table, allowing you to create a custom table containing the products and equipment your company uses in the field.

If you have not already tried GASWorkS 10, click [here](#) to request a 30-day evaluation copy. To upgrade today, fill out an [order form](#) and return it to sales@b3pe.com.

Software Update



Our work doesn't end on release day. Visit our [Updates](#) page to keep your software up-to-date with the latest tweaks and fixes. GASWorkS 10.0 users will find the latest revision posted on **November 26**.



The latest update to GASCalc 5.0 was posted on **April 23**. Development continues on the next version of GASCalc, including new calculations for cathodic protection. Are there any features you would like to see added? What changes would you make to improve the user experience? Let us know at news@b3pe.com.

Our Products

[GASWorkS™](#) - Affordable and robust network modeling.

[GASCalc™](#) - Suite of gas system design and analytical tools.

[StationManager™](#) - Regulator and relief valve station management solution.

[WaterCalc™](#) - Suite of water system design and analytical tools.

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