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Regulator Selection Tables

To assist you in your equipment selections, we have included in this catalog a series of Regulator Selection Tables. These tables, which begin on page 152, suggest the most common regulator selection (or control valve where appropriate) for a variety of specialty gases or specialty gas mixtures.

For ease of use, we have included a total of three tables—Pure Gases; Pure Gases in Lecture Bottles; and Two-Component Gas Mixtures. Each recommendation has been reviewed for safety (e.g., materials compatibility, pressure ratings); purity concerns (e.g., metal vs. elastomeric diaphragms), as well as convenience issues (e.g., single vs. two-stage).

Of course no selection table can completely address the infinite number of gases and applications that exist. Therefore, should your specific application have nuances which you feel might impact the choice of equipment, or should you be using a gas, or mixture that is not listed, we invite you to call us or your Advanced Specialty Gas Equipment Distributor for an equipment recommendation, or application discussion.