

WARNING:

Pressure gauges must be selected and installed so that the possibility of failure resulting in injury or damage caused by misuse or misapplication is minimized. Personnel responsible for selection and installation should read ANSI B40, which is available from

ASME, 345 East 47th Street, NY, NY 10017. The most important factors which must be considered in selecting the proper gauge are as follows:

- **PRESSURE:** - The range of the gauge should be approximately twice the intended operating pressure. Avoid applying pressure beyond top of scale.
- **VIBRATION:** - Excessive vibration could cause movement wear, resulting in loss of accuracy. The gauge should be isolated from the source of vibration.
- **PULSATION:** - Excessive pressure pulsation could result in fatigue failure of the pressure element, or rapid movement wear. A liquid filled gauge, or a pulsation dampening device, should be considered.
- **TEMPERATURE:** - Excessive temperature could result in long term creep of soldered joints, and possibly eventual failure. The gauge should be moved away from heat source.
- **PROCESS:** - Materials of pressure containing parts must be resistant to the process fluid. A different pressure element material, or diaphragm seal may be required

Gauges used on high pressure gas, or on potentially hazardous services, such as Oxygen, should be carefully selected in accordance with the recommendations of B40.

Use aluminum socket gauges on air or oil only.



WARNING: These products contain a chemical known to the state of California to cause cancer and birth defects or reproductive harm

Form #409 Rev B 3/13/18

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