

PrimeLock® Connection Verification Gauge

*PrimeLock fitting accessory
verifies secure connection*

Innovative gauge makes it quick and easy to know your PrimeLock® fitting is properly tightened. Simply slip the gauge over the PrimeLock nut and PrimeLock connection verification ring. If it easily seats, the connection is properly tightened and you have peace of mind knowing your connection is secure for use in high-purity, chemically corrosive applications.



APPLICATIONS

- Used for all installed PrimeLock fittings*
- PrimeLock fittings are used in high-purity, corrosive chemical handling applications
- All semiconductor applications
- Solar, LED, flat panel display
- PrimeLock fittings provide excellent performance with low surface tension chemistries

FEATURES & BENEFITS

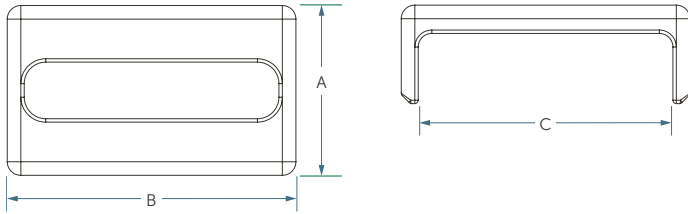
- Gauges available for all PrimeLock fitting sizes from 1/4"–1 1/2" and 40 mm
- Allows fast and easy verification of proper tightness on PrimeLock connections
- Made from durable anodized aluminum
- Compact design allows connection verification in tight spaces

SPECIFICATIONS

		1/4"–1 1/4" SIZES	1 1/2" AND 40 MM SIZES
Materials of construction		Anodized aluminum	Anodized aluminum
PrimeLock fitting operating conditions	Media pressure	827 kPa (120 psig) @21°C (70°F)	689 kPa (100 psig) @21°C (70°F)
		276 kPa (40 psig) @200°C (392°F)	276 kPa (40 psig) @150°C (302°F)
	Temperature range (fluid)	-18° to 200°C (0° to 392°F)	-18° to 150°C (0° to 302°F)

*This gauge is used for first time/initial tightening only. Contact your local Entegris representative for retightening recommendations.

DIMENSIONS



Part number	Fitting size	A	B	C
PGAUGE-4	1/4"	15.7 mm (0.62")	33.0 mm (1.30")	27.2 mm (1.07")
PGAUGE-6	3/8"	22.1 mm (0.87")	34.8 mm (1.37")	29.0 mm (1.14")
PGAUGE-8	1/2"	31.8 mm (1.25")	38.4 mm (1.51")	32.8 mm (1.29")
PGAUGE-12	3/4"	31.8 mm (1.25")	45.7 mm (1.80")	40.1 mm (1.58")
PGAUGE-16	1"	34.8 mm (1.37")	50.5 mm (1.99")	45.5 mm (1.79")
PGAUGE-20	1 1/4"	38.1 mm (1.50")	64.8 mm (2.55")	57.2 mm (2.25")
PGAUGE-24	1 1/2" and 40 mm	38.1 mm (1.50")	75.4 mm (2.97")	67.8 mm (2.67")

ORDERING INFORMATION

Build your own part number by selecting from the following options.

PrimeLock Connection Verification Gauge: part number

PGAUGE -

Size	4 = 1/4"	8 = 1/2"	16 = 1"	24 = 1 1/2" and
	6 = 3/8"	12 = 3/4"	20 = 1 1/4"	40 mm

FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit entegris.com and select the Contact Us link to find the customer service center nearest you.

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