

Low Pressure Flat Glass Gages

For less demanding process conditions.

Penberthy's low pressure gages are designed to maximize the mechanical and economical advantages of ductile iron covers.

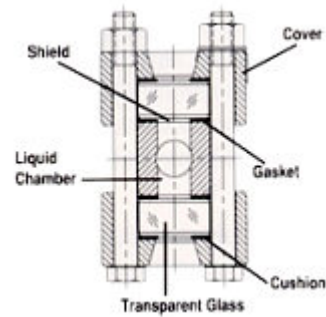
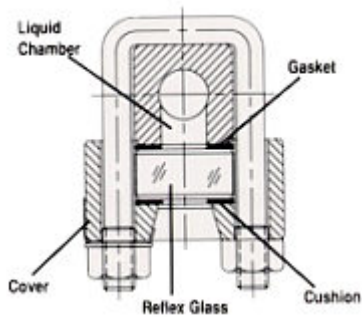
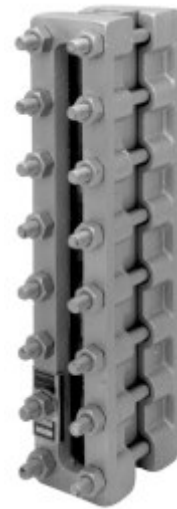
All materials in low pressure gages conform to ASTM specifications.

RL gages can achieve pressures to 2400 psig [16550 kPa] @ 100°F [38°C] and TL gages can achieve pressures to 2000 psig [13790 kPa] @ 100°F [38°C] when manufactured with size 1 glass – see ratings table below.

Penberthy does not recommend low pressure gages for steam/water applications.

Model RL - Reflex Low Pressure

Model TL - Transparent Low Pressure



Medium Pressure Flat Glass Gages

For most common process conditions.

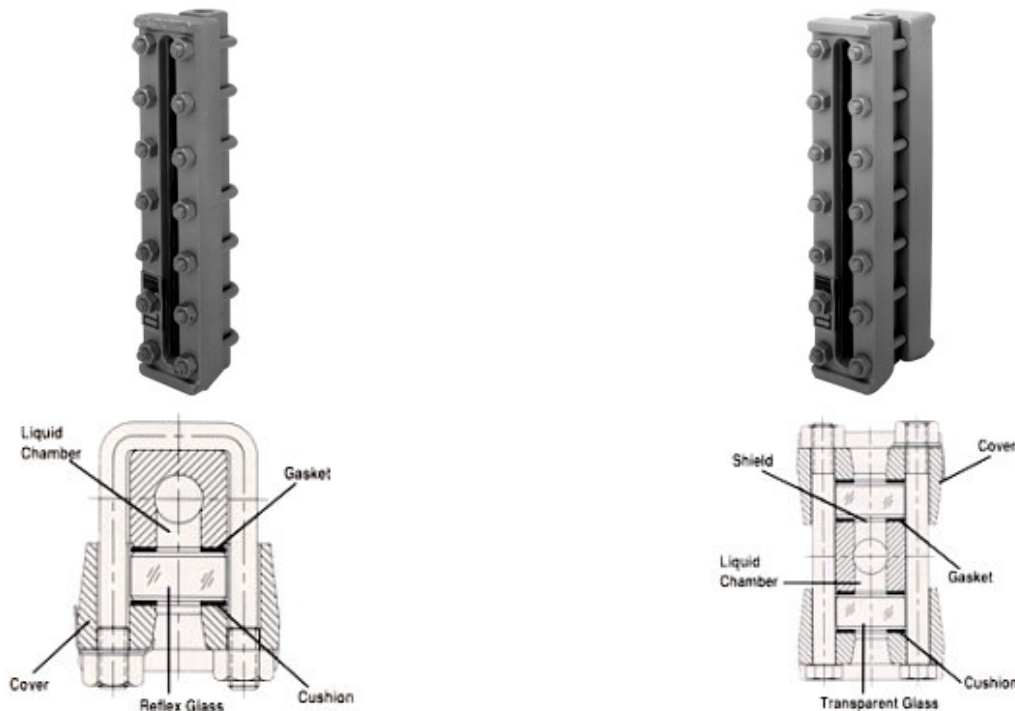
Strength and versatility make Penberthy's medium pressure gages ideal for most common process conditions. Offshore specification 2600.1 is preferred with medium pressure gages in offshore and other corrosive environments.

All materials in medium pressure gages conform to ASTM specifications. RM gages can achieve pressures to 3000 psig [20680 kPa] @ 100°F [38°C] and TM gages can achieve pressures to 2500 psig [17240 kPa] @ 100°F [38°C] when manufactured with size 1 glass – see ratings table below.

Although not designed for thermal cycling, Penberthy allows use of medium pressure gages for steam/water applications due to historical precedence - see Application Report 2781 in Penberthy Catalog.

Model RM - Reflex Medium Pressure

Model TM - Transparent Medium Pressure



Standard/Optional Features

CONNECTION TYPE	STANDARD	OPTIONAL
End Connections		
<i>Threaded</i>		
1/2" [12.7 mm] NPTF	X	
3/4" [19.1 mm] NPTF		X
<i>Socketweld</i>		
1/2" [12.7 mm] female		X
3/4" [19.1 mm] female		X
<i>Flanged</i>		
		X
Side or Back (typically reflex only) Connections		
<i>Threaded</i>		
1/2" [12.7 mm] NPTF		X
3/4" [19.1 mm] NPTF		X
<i>Socketweld</i>		
1/2" [12.7 mm] female		X
3/4" [19.1 mm] female		X
<i>Flanged</i>		
		X
Chambers		
<i>Recessed Gasket</i>		X

High Pressure Flat Glass Gages

Heavy duty construction for high pressure resistance.

Penberthy engineers its high pressure cover to allow maximum rated pressure regardless of glass size.

High pressure gages resist torsional stresses exceptionally well to provide a process gage for the most

demanding applications. All materials in high pressure gages conform to ASTM specifications. RH gages can achieve pressures to 4000 psig [27580 kPa] @100°F [38°C] and TH gages can achieve pressures

to 3000 psig [20680 kPa] @ 100°F [38°C] for all glass sizes – see ratings table below.

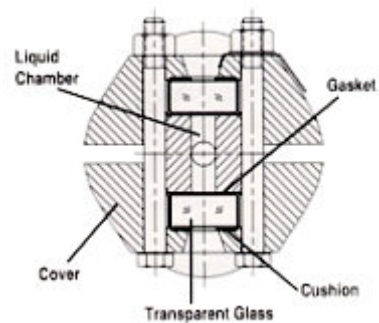
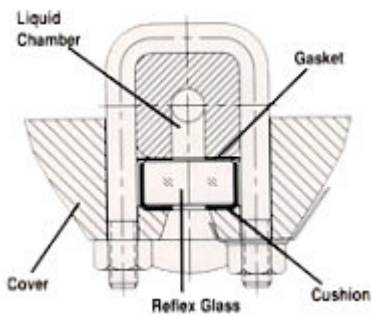
Penberthy does not recommend high pressure gages for steam/water applications. They are designed for high

pressure, but low thermal cycle duty.

Model RH - Reflex High Pressure



Model TH - Transparent High Pressure



For additional information on features, specifications, materials and standard sizes, contact Penberthy local distributor direct (via info@pandid.nl, www.pandid.nl or phone +31 174 280 371) for more information.