



HL Gland for Hazardous Locations CSA® Certified in the U.S. and Canada with a Pressure Rating of 500 psig



Conax® Buffalo Technologies' HL Gland is designed for sealing protection in a wide variety of hazardous environments.

The Conax HL Gland has been CSA® certified in the U.S. and Canada for use in hazardous locations defined by the NEC® as Class I, Div. 1 and 2, Groups B, C, and D; Class II, Div. 1 and 2, Groups E, F, and G; and Class III.

HL Gland Features

- CSA® certified in the U.S. and Canada
- Pressure rated to 500 psig
- Suitable for gas or liquid
- Features Grafoil® sealant
- Teflon sleeves are used to protect wires from damage
- Two body styles – small (1/2" NPT) and large (3/4" NPT)
- Body and cap material is 303 SST
- Wire, solid 14, 16 or 18 AWG is supplied either by customer or Conax Buffalo
- Minimum 18" leads on both ends
- Wires can be easily assembled in the field
- Temperature range from -4°F to 130° F (-20°C to + 55°C)

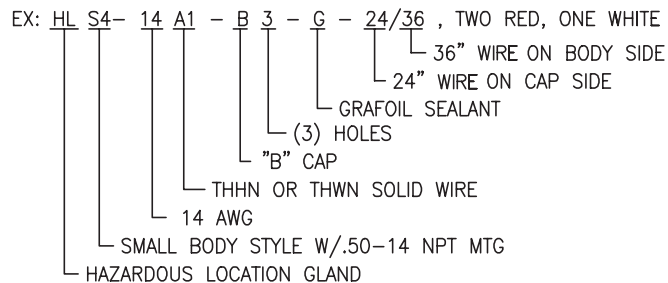
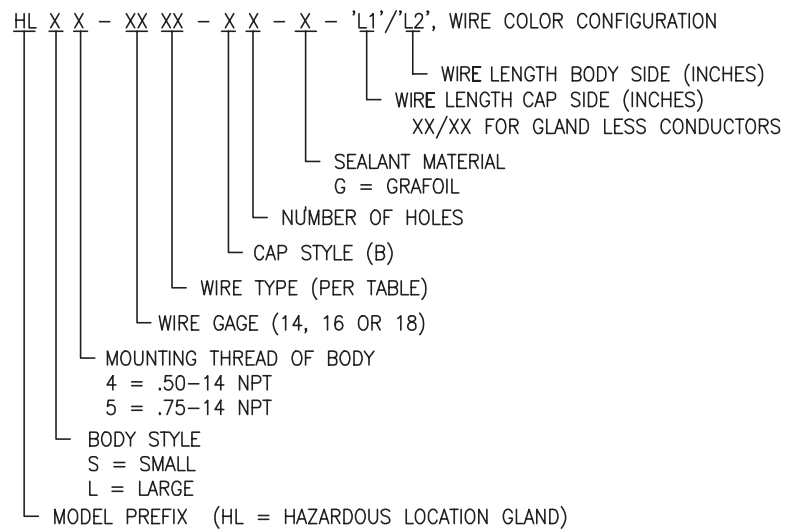
The Conax HL Gland is a superior solution to Chico® and other similar conduit sealing compound fittings commonly used in hazardous environments.

With a mechanically-sealed Conax HL Gland, you will not have to be concerned about:

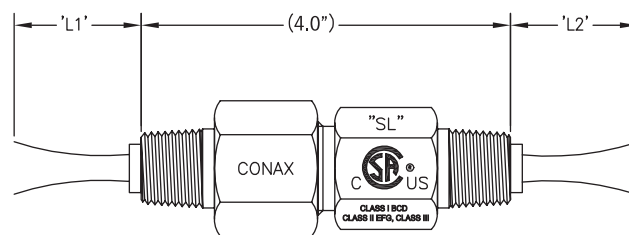
- cracks in compound sealants or incorrectly installed compound sealants that allow explosive gases or liquids to leak in the conduit system, or
- migration of explosive gases through stranded conductors due to a pressure differential in the conduit system.

Both situations have the potential for explosive gases or liquids to cause corrosion to instrumentation or, even more problematically, to ignite when in the presence of instrumentation causing damage to property and possible injury to people.

Catalog Numbering System



Specifications



Product Selection Guide

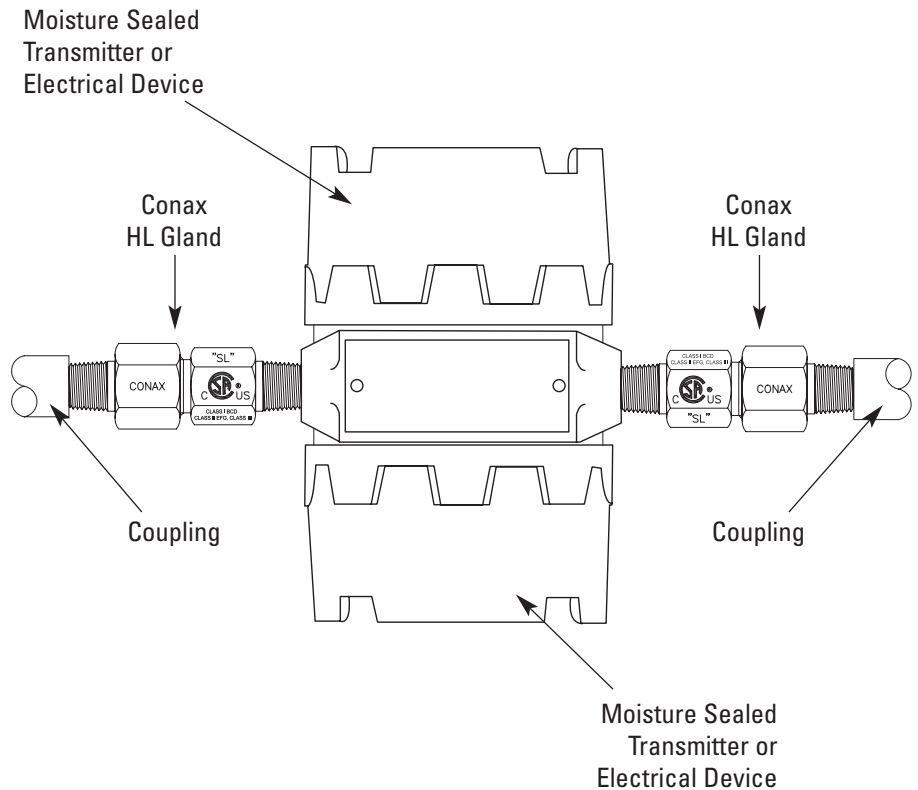
MODEL No.	NPT	No. OF CONDUCTORS	TORQUE (FT-LBS)	
			GRAFOIL	
HLS4-14A1-B2-G	.50-14	2	160-165	
HLS4-14A1-B3-G		3		
HLS4-14A1-B4-G		4		
HLS4-14A1-B6-G		6		
HLL5-14A1-B2-G	.75-14	2	160-165	
HLL5-14A1-B3-G		3		
HLL5-14A1-B4-G		4		
HLL5-14A1-B6-G		6		
HLS4-16B1-B2-G	.50-14	2	160-165	
HLS4-16B1-B3-G		3		
HLS4-16B1-B4-G		4		
HLS4-16B1-B6-G		6		
HLL5-16B1-B2-G	.75-14	2	160-165	
HLL5-16B1-B3-G		3		
HLL5-16B1-B4-G		4		
HLL5-16B1-B6-G		6		
HLS4-18B1-B2-G	.50-14	2	160-165	
HLS4-18B1-B3-G		3		
HLS4-18B1-B4-G		4		
HLS4-18B1-B6-G		6		
HLS4-18B1-B8-G	.75-14	8	160-165	
HLL5-18B1-B2-G		2		
HLL5-18B1-B3-G		3		
HLL5-18B1-B4-G		4		
HLL5-18B1-B6-G	.75-14	6	160-165	
HLL5-18B1-B8-G		8		

Wire Diameter Guide

CBT WIRE CODE *		WIRE TYPE	WIRE DIAMETER WITH INSULATION		
			14 AWG	16 AWG	18 AWG
A	1	THHN	.100 - .110	-	-
		THWN			
B	1	TFN	-	.088 - .098	.078 - .088

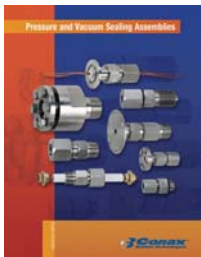
* 1 = SOLID WIRE

Typical HL Gland Installation



Conax® Buffalo Technologies – Your Complete Source for Sealing Glands

Conax Buffalo Technologies designs and manufactures a complete line of pressure/vacuum mechanical sealing glands and assemblies for wires and probes for virtually every industry. A wide range of catalog standard sealing glands are available from stock, while unlimited custom designs are also available for unique wire or probe sealing applications.



Request our Complete Sealing Gland Catalog #5001B or CD or visit our website at www.conaxbuffalo.com



The standard ranges of sealing assemblies shown in our literature can be customized through the use of other materials for gland bodies, the choice of special sealant materials and by specifying optional mounting and cap threads.

Our knowledgeable, experience staff would welcome the opportunity to discuss any customized sealing gland solution you require.

Call Conax Buffalo today at 1.800.223.2389!

Conax® Buffalo Technologies is a registered trademark of Conax Buffalo Technologies.

Teflon® is a registered trademark of E. I. DuPont de Nemours Company. Grafoil® is registered trademark of UCAR Carbon Company.

NEC® is a registered trademark of National Electrical Code. CSA® is a registered trademark of Canadian Standards Association. Chico® is a registered trademark of Cooper Crouse-Hinds.



2300 Walden Avenue
 Buffalo, New York 14225, USA
 Fax: 716-684-7433 • Phone: 716-684-4500
 Toll free in the USA at 1-800-223-2389
 E-mail: conaxbuf@conaxbuffalo.com
 Website: www.conaxbuffalo.com
www.partsdrawer.com

