



safety. compliance. reliability.

Features & Benefits

Strength

- Made of corrugated stainless steel (316L) for corrosion resistance.
- The seamless design assures no leak points.
- Polyethylene jacket for corrosion protection.
- Core is certified for operating pressure up to 240 PSIG.

Flexibility

- The corrugated design of the pipes assures excellent impact resistance and provides a high degree of flexibility.
- Pipe sizes from 1/2" - 3" to fit any application using fuel or chemicals.

Value

- Fast and simple installation reduces labor cost. Can be laid directly into a trench in one piece without intermediate joints or fittings.
- Manufactured in factory lengths up to 3,000 feet.
- No special tools are needed for installation.

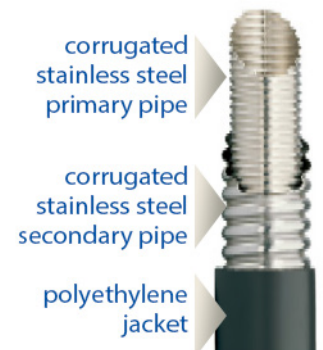
Compliance & Reliability

- UL 971A Listed for underground installation; Florida EQ No. 692; California SWRCB Approved.
- Leak Monitoring – connections, fittings, and T-pieces designed for continuous leak monitoring.
- Leak detection – interstitial space designed for leak detection via either pressure or vacuum.

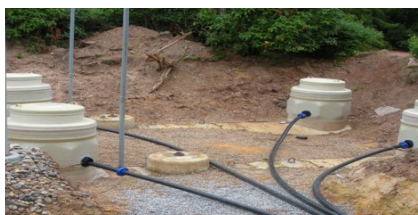
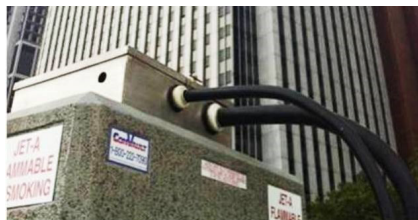
FLEXWELL-HL Piping

Flexible, Double-Wall 316L Stainless Steel Pipe System with Permanent Leak Detection

FLEXWELL-HL is a flexible pipe system made of corrugated stainless steel primary and secondary pipes with a reinforcement tape in the interstitial space. The exterior extruded polyethylene encasement offers corrosion resistance. **No pipe system does it better when it comes to below-grade and aboveground tank fueling and marina fuel piping.** The inherent flexibility of the corrugated double-wall stainless steel pipe compensates for terrain or tidal changes.



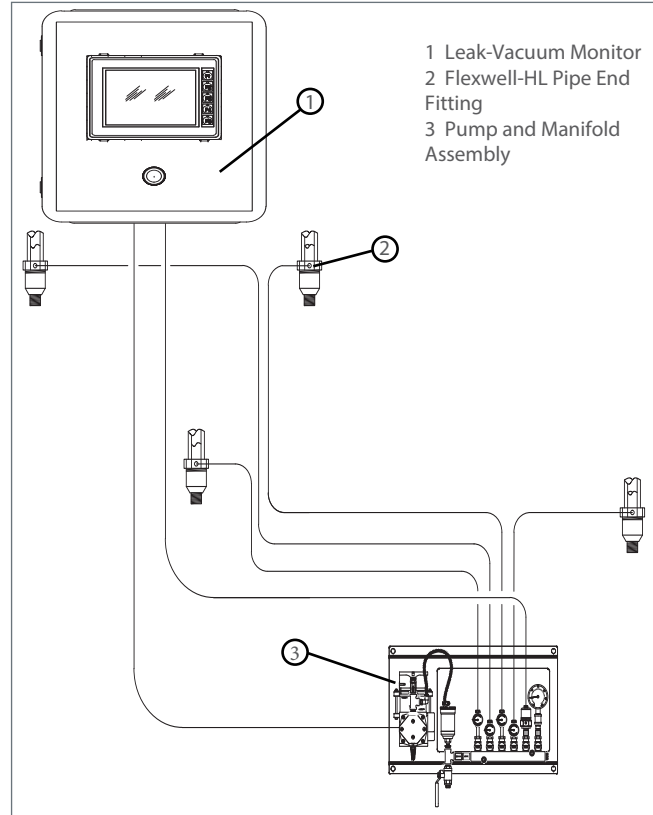
Specifically designed for hazardous fuels and gases including gasoline, ethanol blends, biodiesel, LPG, Avgas, and methanol.



FLEXWELL-HL Piping



1 Corrugated stainless steel primary pipe
 2 Corrugated stainless steel secondary pipe
 3 Polyethylene jacket



1 Leak-Vacuum Monitor
 2 Flexwell-HL Pipe End Fitting
 3 Pump and Manifold Assembly

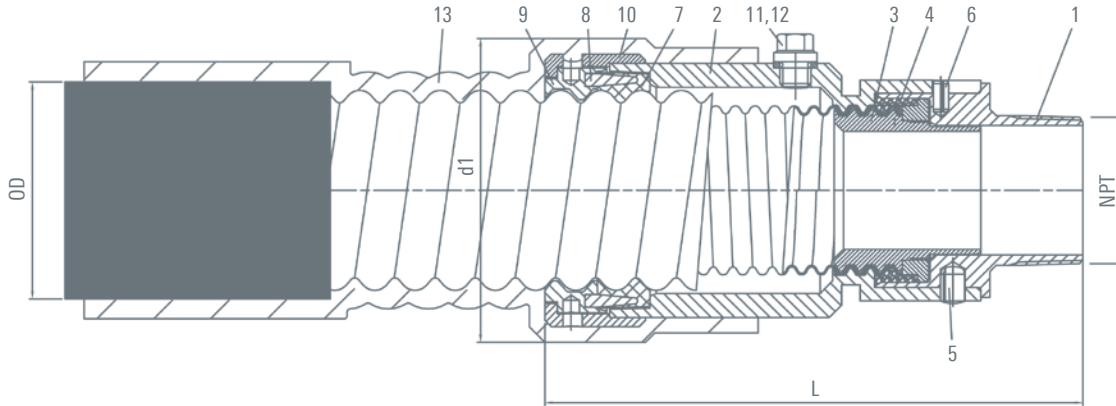
Physical properties of FLEXWELL®-HL pipes

Model:		HL 30/48	HL 48/71	HL 60/83	HL 98/134
Material:	<ul style="list-style-type: none"> primary pipe: 316L (1.4404) secondary pipe: 316L (1.4404) corrosion protection: LDPE jacket 	•	•	•	•
Operating pressure:	• vacuum	suction operation	suction operation	suction operation	suction operation
Primary pipe (fuel etc.):	• pressure	240 PSIG / 10 bar	240 PSIG / 10 bar	240 PSIG / 10 bar	240 PSIG / 10 bar
Nominal ID:		1" / ND 25	1 ½" / ND 40	2" / ND 50	3" / ND 80
Dimensions:	<ul style="list-style-type: none"> inside diameter (ID) outside diameter (OD) volume of primary pipe (gal/ft) / (liter/m) 	1.2" / 30 mm 1.9" / 48 mm 0.06 / 0.8	1.9" / 48 mm 2.8" / 71 mm 0.16 / 2.0	2.4" / 60 mm 3.3" / 83 mm 0.24 / 3.0	3.9" / 98 mm 5.3" / 134 mm 0.67 / 8.4
Min. bending radius:	• with bending machine	20" / 500 mm	26" / 650 mm	28" / 700 mm	40" / 1000 mm
Weight:	(lb/linear ft.) / (kg/linear m)	0.9 / 1.3	2.7 / 3.8	3.1 / 4.8	7.1 / 11
Available end fitting:	<ul style="list-style-type: none"> closed open 	•	•	•	•
Permanent monitoring	• vacuum	-8.7 PSI / -0.6 bar	-8.7 PSI / -0.6 bar	-8.7 PSI / -0.6 bar	-8.7 PSI / -0.6 ba
pressure secondary pipe:	• pressure up to	145 PSIG / 10 bar	145 PSIG / 10 bar	145 PSIG / 10 bar	145 PSIG / 10 bar

All technical data subject to change.

FLEXWELL-HL Piping

Closed Secondary Containment Piping System



Pos.	Qty.	Specification	Material grade
1	1	Threaded connector	316L or 316Ti
2	1	Thrust collar	316L or 316Ti
3	1	Support ring	316L or 316Ti
4	1	Graphite seal	F05010CTF, Graphite-PTFE-Composite foil
5	4	Grooved pin	316L or 316Ti
6	1	Split pin	316L or 316Ti
7	1	Rubber seal	NBR, Hardness 60 ± 5 Shore WOCO: Type 51 D 6022
8	1	Expansion ring	316L or 316Ti
9	1	Clamping nut	316L or 316Ti
10	1	Lok nut	316L or 316Ti
11	1	Locking screw	316L or 316Ti
12	1	Sealing	NBR
13	1	Wrapping tape or Shrink sleeve (optional)	

Type	Thread NPT inch	OD mm inch	d2 mm inch	L mm inch	Article No.
FSR-HL 30/48	1"	80 2.8	50 4.5	157 6.2	82935699
FSR-HL 48/71	1 ½"	100 4.0	71 2.8	174 6.9	82935799
FSR-HL 60/83	2"	117 4.6	83 3.3	191 7.6	82935899
FSR-HL 98/134	3"	167 6.6	134 5.3	262 10.3	