

Introducing Tec Flex™

What is Tec Flex™?

Tec Flex is a dramatic evolution in strip wound metal hose, providing the flexibility and lighter weight of unlined hose with the durability and smooth bore of lined hose.

For decades, strip wound metal hose remained relatively unchanged: unlined hose was lighter and more flexible, but not as durable, whereas lined hose was more durable, but cumbersome and difficult to work with. The Tec Flex Hose bridges this gap.



Using only a single liner, Tec Flex Hose replicates smoothness characteristics similar to lined hose. In addition to increasing hose durability, this also helps protect the transferred material from becoming damaged by, or stuck in, the hose's interior convolutions, protecting the material from damage and reducing the potential for cross contamination. In addition, the Tec Flex design provides a superior seal, eliminating the need for the addition of packing materials, which can make lined hoses even heavier and less flexible.

Performance Comparison			
Characteristic*	Tec Flex	Lined	Unlined
Bend Radius (in)	11.75	16.0	14.50
Weight (lbs/ft)	1.8	3.6	2.6
Leak Rate (4.5 psi)	< 0.2 cfm	< 0.5 cfm or greater	2 cfm or greater

* Using 4" stainless steel interlock hose

Tec Flex has a tighter minimum bend radius, is lighter weight and has a lower leak rate than lined and unlined metal hose.



Lighter weight for worker safety: reduces heavy lifting injuries!