Engineered Solutions

FLEXRITE

Acid and Chemical Hose

TANK TRUCK DELIVERY SERVICE

RAILCAR LOADING & UNLOADING

MINE & MILL CHEMICAL TRANSFER

FOOD & FDA PROCESSES

The FlexRite Acid and Chemical Hose provides service from full vacuum suction to 150 PSI or greater discharge pressures. The corrugated cover design allows for the tightest bend radius possible in a hose that will withstand full vacuum service.

When combined with integral end connections such as the FlexRite Beaded End or the Full Face Duck and Rubber Flange, all wetted surfaces are covered by the tube compound which is resistant to the fluid being transferred.

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CUSTOM HOSE CONSTRUCTION

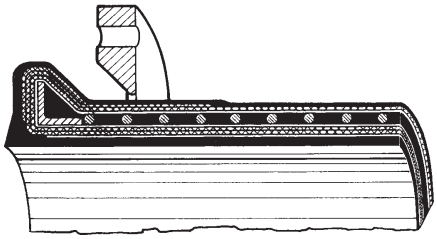
FLEXRITE
Acid and Chemical Hose

TUBE EPDM, Chlorobutyl, Hypalon®, UHMWPE or Natural Rubber depending upon the fluid being transferred.

REINFORCEMENTS Polyester fabrics and dual spring steel wire helix.

COVER Corrugated, typically fabricated from EPDM, neoprene, chlorobutyl, or Hypalon® (which is available in blue, red, yellow or green colors).

ENDS Integral FlexRite Beaded Ends, Integral Full Face Duck and Rubber Flanges, Soft Cuffs, or Enlarged Soft Cuffs.



Custom End Construction

Exclusive FlexRite Beaded End Hose

~ Built-in steel angle ring for rigid support.

~ Holes match standard ASA 150# drilling.

~ Forms tight seal.

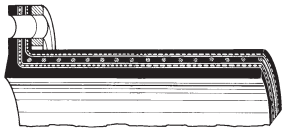
~ Easy rotation.

S-R's exclusive FlexRite Beaded End Flanges are designed for easy mating and flange hole alignment.

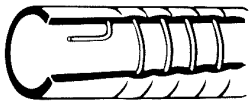
Sizes (inches)	Flange ID	Flange OD	Flange Thickness	Bolt Circle
2	3⅛	6	⅝	4¾
2½	3⅝	7	⅝	5½
3	4¼	7½	¾	6
4	5¼	9	13/16	7½
5	6⅜	10	13/16	8½
6	7½	11	13/16	9½
8	9⅝	13½	⅞	11¾
10	12	16	15/16	14¼
12	14⅝	19	1 1/16	17
14	16¼	21	1⅛	18¾
16	18½	23½	1¼	21¼

Optional Hose Ends

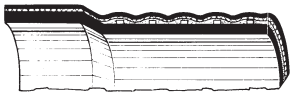
Optional hose ends are specified according to use factors.



S-R's Full-Face Duck and Rubber Flange provides a complete seal with an exclusive raised face, eliminating need for a gasket. All wetted surfaces are of the same compound as the hose lining.



Soft Cuffs: Hard wall reinforcing materials are removed from a portion of the hose end for optimum clamping characteristics.



The Enlarged Hose End permits full flow through the connection. The hose end fits the OD of the pipe and is clamped in place.