

U.S. Chem Composite Hoses

When your customer's application calls for extreme flexibility that's when a composite hose assembly by U.S. Hose and Coupling is the #1 choice in the industry. The bend radius of the Composite hose with the high-pressure ratings is superior over the industrial hose needs.

Standard Chemical Service:

U.S. Hose Chem PG Composite Hose is made up of polypropylene coated steel inner helix as well as high tensile galvanized carbon steel outer helix. Our hoses are designed for in-plant liquid transfer operations as well as tank truck delivery and rail car loading. Because of the polypropylene films and polyester vapor barriers these hoses are perfect for operation at working pressure or full suction.



INS * 1D	1	1.5	2	3	4	6
OUT * 2D	1.5	1.9	2.4	3.4	4.4	7.0
MAX WP PSI	250	250	250	250	250	250
BURST PRES PSI	1000	1000	1000	1000	1000	1000
BEND RAD. INCHES	4.0	5.0	6.0	7.9	11.9	22.0
WEIGHT LB/FT	0.58	0.79	1.18	1.88	2.68	7.20
MAX LENGTHS	100	100	100	100	100	100

*Operating Temperature -40°F to +212°F/-40°C to +100°C

Standard Petroleum Service:

U.S. Oil GG Composite Hose is made up of a high tensile galvanized carbon steel inner and outer helix. Our hoses are designed for the transfer of a wide range of petroleum products. U.S. Hose GG are ideal for transfer of media from storage tanks and process piping to rail cars or tank trucks. Because of the multiple piles of polypropylene films and fabrics are encased in a polyester vapor barrier for superior operation.



INS * 1D	1	1.5	2	3	4	6
OUT * 2D	1.5	2.0	2.5	3.5	4.5	7.0
MAX WP PSI	250	250	250	250	250	250
BURST PRES PSI	1000	1000	1000	1000	1000	1000
BEND RAD. INCHES	4.1	5.1	6.1	8.2	14.0	22.0
WEIGHT LB/FT	0.6	0.8	1.6	2.4	3.2	7.2
MAX LENGTHS	100	100	100	100	100	100

*Operating Temperature -40°F to +212°F/ 40°C to +100°C