

Uni-Chem's composite hose design provides for the most flexible media transfer solution. Combined with a lightweight construction and uniformly crimped ends for maximum operator ease of handling.

### Standard Chemical Service

Uni-Chem™ PG, PS, SG and SS composite hoses are specifically designed for in-plant liquid transfer operations as well as tank truck delivery and rail car loading. Constructed with multiple plies of polypropylene films and polyester vapor barrier these hoses can be operated at working pressure or full vacuum.

#### Uni-Chem™ PG, PS

P-Polypropylene Coated Steel Inner Helix  
G-High Tensile Galvanized Carbon Steel Outer Helix or S-316L Stainless Steel - Outer Helix

#### Uni-Chem™ SG, SS

S-316L Stainless Steel - Inner Helix  
G-High Tensile Galvanized Carbon Steel Outer Helix or S-316L Stainless Steel - Outer Helix



INS* ID	1	1.5	2	3	4	6	8
OUT* ID	1.5	1.9	2.4	3.4	4.4	7.0	9.4
Max WP PSI	250	250	250	250	250	250	250
Burst Pres PSI	1000	1000	1000	1000	1000	1000	1000
Bend Rad. Inches	4.0	5.0	6.0	7.9	11.9	22.0	30.0
Weight LB/FT	0.58	0.79	1.18	1.88	2.68	7.20	11.0
Max Lengths	100	100	100	100	100	100	100

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

### Special Chemical Service

Uni-FLO™ special chemical service hoses are built to meet the demands of today's highly aggressive media. Superior chemical resistance is achieved with a Teflon® PTFE, inner liner, reinforced with multiple plies of polyester and polypropylene films.

#### Uni-FLO™ SG

S-316L Stainless Steel - Inner Helix  
G-High Tensile Galvanized Carbon Steel Outer Helix

#### Uni-FLO™ SS

S-316L Stainless Steel - Inner Helix  
S-316L Stainless Steel - Outer Helix

#### Uni-FLO™ PS (available on request)



INS* ID	1	1.5	2	3	4	6	8
OUT* ID	1.5	2.0	2.5	3.5	4.5	7.0	9.4
Max WP PSI	250	250	250	250	250	250	250
Burst Pres PSI	1000	1000	1000	1000	1000	1000	1000
Bend Rad. Inches	4.1	5.9	7.8	11.1	14.2	22.0	30.0
Weight LB/FT	0.6	0.8	1.6	2.4	3.2	7.2	11.0
Max Lengths	100	100	100	100	100	100	100

Operating Temperature -40°F to +250°F / -40°C to +121°C

### Standard Petroleum Service

Uni-OIL™ GG standard petroleum service hoses are designed for the transfer of a wide range of petroleum products. Uni-OIL™ GG hoses are ideal for transfer of media from storage tanks and process piping to rail cars or tank trucks. Multiple plies of polypropylene films and fabrics are encased in a polyester vapor barrier for superior operation.

#### Uni-OIL™ GG

G-High Tensile Galvanized Carbon Steel Inner Helix  
G-High Tensile Galvanized Carbon Steel Outer Helix



INS* ID	1	1.5	2	3	4	6	8
OUT* ID	1.5	2.0	2.5	3.5	4.5	7.0	9.4
Max WP PSI	250	250	250	250	250	250	250
Burst Pres PSI	1000	1000	1000	1000	1000	1000	1000
Bend Rad. Inches	4.1	5.1	6.1	8.2	14.0	22.0	30.0
Weight LB/FT	0.6	0.8	1.6	2.4	3.2	7.2	11.0
Max Lengths	100	100	100	100	100	100	100

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

### Special Petroleum Service

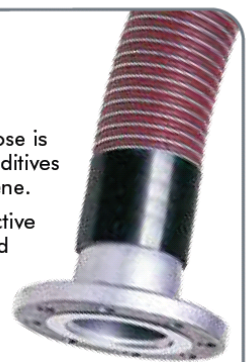
Uni-ZENE™ special service petroleum hose is designed to handle modern gasoline additives such as MTBE, ethanol and 100% benzene.

Uni-ZENE™ hoses are built with an effective combination of polyamide, polyester and polypropylene film and fabrics to meet the demands of today's additives.

Also recommended for all JP aviation fuels.

#### Uni-ZENE™

G-High Tensile Galvanized Carbon Steel Inner Helix.  
G-High Tensile Galvanized Carbon Steel Outer Helix.



INS* ID	1	1.5	2	3	4	6	8
OUT* ID	1.5	2.0	2.5	3.5	4.5	7.0	9.4
Max WP PSI	250	250	250	250	250	250	250
Burst Pres PSI	1000	1000	1000	1000	1000	1000	1000
Bend Rad. Inches	4.1	5.1	6.1	8.2	14.0	22.0	30.0
Weight LB/FT	0.6	0.8	1.6	2.4	3.2	7.2	11.0
Max Lengths	100	100	100	100	100	100	100

Operating Temperature -40°F to +250°F / -40°C to +121°C