



Uni-chem 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 barriers. These hoses can be operated at positive pressure or full suction.

* Also available, Uni-chem PG-200 with 200 psi working pressure.
Operating Temperature: -40°F to +140°F

Uni-chem PG, PS

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

Uni-chem SG, SS

*S-316 Stainless Steel Inner Helix
G-High Tensile Galvanized Carbon Steel Outer Helix or
S-316 Stainless Steel - Outer Helix
Green Cover*

INS ID	OUT ID	MAX WP PSI	BURST PRES PSI	BEND RAD. INCHES	WEIGHT LB/FT	MAX LENGTH
1	1.5	250	1000	4.0	0.58	60
1.5	1.9	250	1000	5.0	0.79	60
2	2.4	250	1000	6.0	1.18	60
3	3.4	250	1000	7.9	1.88	60
4	4.4	250	1000	11.9	2.68	60
6	7.0	250	1000	22.0	7.20	60
8	9.4	250	1000	30.0	11.0	60

Haw River NC
tel(336)578-2161
toll-free 800-334-4270
fax (336)578-5854

W. Berlin, NJ
tel (856)768-2275
toll-free 800-225-0215
fax (856)768-2385

Canada
tel (905)666-4970
toll free fax 888-694-7564
fax (905)666-9388



Uni-chem Special Chemical Service

Uni-flon 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.
Operating Temperature: -40°F to +180°F
(intermittent, transfer service 250°F)

Uni-flon SG

S-316 Stainless Steel - Inner Helix

G-High Tensile Galvanized Carbon Steel Outer Helix

Uni-flon SS

S- 316 Stainless - Inner Helix

S-316 Stainless - Outer Helix

Red Cover

INS ID	OUT ID	MAX WP PSI	BURST PRES PSI	BEND RAD. INCHES	WEIGHT LB/FT	MAX LENGTH
1	2	250	800	4.1	0.6	60
1.5	2.0	250	800	5.9	0.8	60
2	2.5	250	800	7.8	1.6	60
3	3.5	250	800	11.1	2.4	60
4	4.5	250	800	14.2	3.2	60
6	7.0	250	1000	22.0	7.2	60
8	9.4	250	1000	30.0	11.0	60

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Uni-chem 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.

Operating Temperature: -40°F to +140°F

Uni-oil GG

G- High Tensile Galvanized Carbon Steel Inner Helix

G-High Tensile Galvanized Carbon Steel Outer Helix

Brown Cover

INS ID	OUT ID	MAX WP PSI	BURST PRES PSI	BEND RAD. INCHES	WEIGHT LB/FT	MAX LENGTH
1	1.5	200	800	4.1	0.6	60
1.5	2.0	200	800	5.1	0.8	60
2	2.5	200	800	6.1	1.6	60
3	3.5	200	800	8.2	2.4	60
4	4.5	200	800	14.0	3.2	60
6	7.0	250	1000	22.0	7.20	60
8	9.4	250	1000	30.0	11.0	60

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Uni-chem Special Petroleum Service



Uni-zene special service petroleum hose is designed to handle modern gasoline additives such as **MTBE, ethano I** and 100% **benzen e**.

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.

Operating Temperature: -40°F to +180°F
(intermittent, transfer service 250°F)

Uni-zene

G-High Tensile Galvanized Carbon Steel Inner Helix

G-High Tensile Galvanized Carbon Steel Outer Helix

Maroon Cover

INS ID	OUT ID	MAX WP PSI	BURST PRES PSI	BEND RAD. INCHES	WEIGHT LB/FT	MAX LENGTH
1	1.5	200	800	4.1	0.6	60
1.5	2.0	200	800	5.1	0.8	60
2	2.5	200	800	6.1	1.6	60
3	3.5	200	800	8.2	2.4	60
4	4.5	200	800	14.0	3.2	60
6	7.0	250	1000	22.0	7.2	60
8	9.4	250	1000	30.0	11.0	60



Uni-chem Bottom Loading Service

Uni-BL is ideal for transferring petroleum and 100% aromatic products in production, refinery and distribution facilities. Suitable for all hose loading arms in bottom loading operations. Constructed with multiple plies of aromatic resistant films and fabrics.

Uni-BL hoses can be custom designed for special chemical applications. All hoses can be color coded to API color codes

Uni-BL GG

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

INS ID	OUT ID	MAX WP PSI	BURST PRES PSI	BEND RAD. INCHES	WEIGHT LB/FT	MAX LENGTH
1	1.5	200	800	4.0	0.58	60
1.5	1.9	200	800	5.0	0.79	60
2	2.4	200	800	6.0	1.18	60
3	3.4	200	800	7.9	1.88	60
4	4.4	200	800	11.8	2.68	60
6	7.0	200	800	22.0	7.20	60
8	9.4	200	800	30.0	11.00	60



Uni-chem Vapor Recovery Service



Uni-VR hose is ideal for use in petroleum and petrochemical vapor recovery systems in ship to shore, bottom loading and tank truck applications. This hose is lightweight and flexible. Manufactured to meet specification **CFR33-154**. Available with a yellow or orange cover. Operating Temperature: -40°F to +140°F

Uni-VR*

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

*available with a polypropylene coated and stainless steel inner helix.

INS ID	OUT ID	MAX WP PSI	BURST PRES PSI	BEND RAD. INCHES	WEIGHT LB/FT	MAX LENGTH
1	1.5	250	1000	4.0	0.58	60
1.5	1.9	250	1000	5.0	0.79	60
2	2.4	250	1000	6.0	1.18	60
3	3.4	250	1000	7.9	1.88	60
4	4.4	250	1000	11.9	2.68	60
6	7.0	250	1000	22.0	7.20	60
8	9.4	250	1000	30.0	11.00	60