



***Performance and versatility to
meet all your liquid transfer needs***

Standard Chemical Service



INS * ID	OUT ID	MAX WP PSI	BURST PRES PSI	BEND RAD. INCHES	WEIGHT LB/FT	MAX LEN
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

Operating Temperature -40°F to +140°F

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 suction.

*Also available, Uni-chem PG-200 with 200 PSI working pressure

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

Special Chemical Service



INS * ID	OUT ID	MAX WP PSI	BURST PRES PSI	BEND RAD. INCHES	WEIGHT LB/FT	MAX LEN
1	1.5	200	800	4.1	0.6	60
1.5	2.0	200	800	5.9	0.8	60
2	2.5	200	800	7.8	1.6	60
3	3.5	200	800	11.1	2.4	60
4	4.5	200	800	14.2	3.2	60
6	7.0	200	800	22.0	7.2	60
8	9.4	200	800	30.0	11.0	60

Operating Temperature -40°F to +140°F

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.

Uni-flon SG

S- 316 Stainless Steel - Inner Helix

G- High Tensile Galvanized Carbon Steel Outer Helix

Uni-flon SS

S- 316 Stainless Steel - Inner Helix

S- 316 Stainless Steel - Outer Helix

Standard Petroleum Service



INS * ID	OUT ID	MAX WP PSI	BURST PRES PSI	BEND RAD. INCHES	WEIGHT LB/FT	MAX LEN
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

Operating Temperature -40°F to +140°F

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

Special Petroleum Service



INS * ID	OUT ID	MAX WP PSI	BURST PRES PSI	BEND RAD INCHES	WEIGHT LB/FT	MAX LEN
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

Operating Temperature -40°F to +140°F

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.

Bottom Loading Service



INS * ID	OUT ID	MAX WP PSI	BURST PRES PSI	BEND RAD INCHES	WEIGHT LB/FT	MAX LEN
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

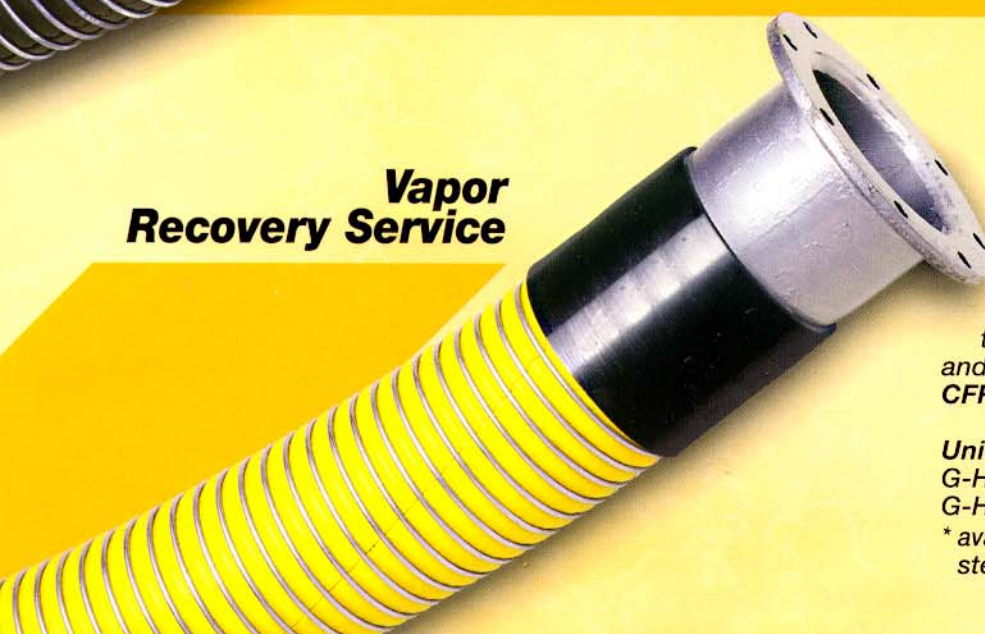
Operating Temperature -40°F to +140°F

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 Wire
G-High Tensile Galvanized Carbon Steel Outer Helix

Vapor Recovery Service



INS * ID	OUT ID	MAX WP PSI	BURST PRES PSI	BEND RAD INCHES	WEIGHT LB/FT	MAX LEN
1	1.5	150	600	3.9	0.54	60
1.5	1.9	150	600	4.8	0.74	60
2	2.4	150	600	6.8	1.12	60
3	3.4	150	600	7.7	1.82	60
4	4.4	150	600	10.8	2.62	60
6	7.0	150	600	22.0	7.20	60
8	9.4	150	600	30.0	11.00	60

Operating Temperature -40°F to +140°F

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.

Uni-VR*
G-High Tensile Galvanized Carbon Steel Inner Helix
G-High Tensile Galvanized Carbon Steel Outer Helix
* available with a polypropylene coated and stainless steel inner helix.

SUPERIOR PERFORMANCE FROM THE INSIDE OUT

Uni-chem composite hoses are made only with carefully selected materials throughout. Their inner films and fabrics provide optimum chemical resistance against today's highly aggressive media. Protected with the toughest PVC impregnated outer covers, Uni-chem composite hoses provide the strength and versatility needed to get the job done.



Inner Helix
Polypropylene Inner Fabric and Films
Vapor Barrier Films
Reinforcing Fabric
PVC-impregnated Nylon Cover and Outer Helix

VERSATILE END CONFIGURATIONS

Uni-chem's externally crimped dry seal couplings and ferrules allow for the following end configurations:

Male NPT Ends: Carbon Steel, Stainless Steel, Brass, Aluminum, Polypropylene

Flanged Ends: TTMA flanges for Bottom Loading Hoses. Fixed or floating in Carbon Steel, 304 Stainless Steel, 316 Stainless Steel, Aluminum

Cam and Groove: Quick disconnect couplings in 304 Stainless Steel, Brass and Aluminum

NEW!

DRY-DISCONNECT COUPLINGS

Todo Self Sealing Couplings:
Provide for the safe transfer of potentially hazardous chemicals.

Todo self sealing couplings employ proven valve technology that automatically stops the flow with zero product spillage.

Safety Breakaway Couplings:

An economical solution to costly accidental driveaways. The Todo SBC provides a lightweight full-flow means to prevent hard piping and loading arm damage. Available with female NPT threaded or ANSI 150 lb. flanged ends.



ADVANCED FILMS AND FABRICS

Uni-Chem offers a complete range of films, fabrics and covers to meet all your standard and custom hose requirements.

- Polyester
- Nylon
- Nitrile
- Polypropylene
- Teflon®
- Hypalon
- Polyamide
- Neoprene
- PVC

UNI-CHEM DISCLAIMER

It is impossible to test Uni-chem hose under all conditions to which it might be subjected in the field. It is therefore the buyer and/or end user's responsibility to test all Uni-chem hose under conditions that duplicate the service condition prior to installation.

CUSTOM AND SPECIALTY APPLICATIONS

Only Uni-chem offers uniformly crimped hose ends (1"-8" I.D.). Combined with our custom tooled end fittings Uni-chem provides a leak free hose assembly every time.



MARINE SERVICE APPLICATIONS

All Uni-chem hose styles are constructed to marine service specifications in accordance with U.S. Coast Guard and I.M.O. regulations.