

Composite Hose

Standard Chemical Service uni-chem PG 250, PS, SG and SS

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 W.P.
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
S- 316 Stainless Steel - Outer Helix

Uni-chem SG, SS

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

Green Cover

Part No.	I.D.	O.D.	MAX WP PSI	BURST PRES PSI	MBR	WT LBS/ FT	MAX LGT
3UCCHPG-01000-00	1	1.5	250	1000	4.0"	0.58	60
3UCCHPG-01500-00	1.5	1.9	250	1000	5.0"	0.79	60
3UCCHPG-02000-00	2	2.4	250	1000	6.0"	1.18	60
3UCCHPG-03000-00	3	3.4	250	1000	7.9"	1.88	60
3UCCHPG-04000-00	4	4.4	250	1000	11.9"	2.68	60
3UCCHPG-06000-00	6	7.0	250	1000	22.0"	7.20	60
3UCCHPG-08000-00	8	9.4	250	1000	30.0"	11.0	60

Part No.	I.D.	O.D.	MAX WP PSI	BURST PRES PSI	MBR	WT LBS/ FT	MAX LGT
3UCCHSG-01000-00	1	1.5	250	1000	4.0"	0.58	60
3UCCHSG-01500-00	1.5	1.9	250	1000	5.0"	0.79	60
3UCCHSG-02000-00	2	2.4	250	1000	6.0"	1.18	60
3UCCHSG-03000-00	3	3.4	250	1000	7.9"	1.88	60
3UCCHSG-04000-00	4	4.4	250	1000	11.9"	2.68	60
3UCCHSG-06000-00	6	7.0	250	1000	22.0"	7.20	60
3UCCHSG-08000-00	8	9.4	250	1000	30.0"	11.0	60

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

Part No.	I.D.	O.D.	MAX WP PSI	BURST PRES PSI	MBR	WT LBS/ FT	MAX LGT
3UCOIGG-01000-00	1	1.5	200	800	4.1"	0.6	60
3UCOIGG-01500-00	1.5	2	200	800	5.1"	0.8	60
3UCOIGG-02000-00	2	2.5	200	800	6.1"	1.60	60
3UCOIGG-03000-00	3	3.5	200	800	8.2"	2.40	60
3UCOIGG-04000-00	4	4.5	200	800	14.0"	3.20	60
3UCOIGG-06000-00	6	7.0	250	1000	22.0"	7.20	60
3UCOIGG-08000-00	8	9.4	250	1000	30.0"	11.0	60

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.



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

Uni-zene

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

Maroon Cover

Part No.	I.D.	O.D.	MAX WP PSI	BURST PRES PSI	MBR	WT LBS/ FT	MAX LGT
3UCZEGG-01000-00	1	1.5	200	800	4.1"	0.6	60
3UCZEGG-01500-00	1.5	2	200	800	5.1"	0.8	60
3UCZEGG-02000-00	2	2.5	200	800	6.1"	1.60	60
3UCZEGG-03000-00	3	3.5	200	800	8.2"	2.40	60
3UCZEGG-04000-00	4	4.5	200	800	14.0"	3.20	60
3UCZEGG-06000-00	6	7	250	1000	22.0"	7.20	60
3UCZEGG-08000-00	8	9.4	250	1000	30.0"	11.0	60

Composite Hose

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 +140°F
(intermittent transfer service to 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



Part No.	I.D.	O.D.	MAX WP PSI	BURST PRES PSI	MBR	WT LBS/FT	MAX LGT
3UCLFSG-01000-00	1	2	250	800	4.1"	0.6	60
3UCLFSG-01500-00	1.5	2	250	800	5.9"	0.8	60
3UCLFSG-02000-00	2	2.5	250	800	7.8"	1.6	60
3UCLFSG-03000-00	3	3.5	250	800	11.1"	2.40	60
3UCLFSG-04000-00	4	4.5	250	800	14.2"	3.20	60
3UCLFSG-06000-00	6	7.0	250	800	22.0"	7.20	60
3UCLFSG-08000-00	8	9.4	250	800	30.0"	11.0	60

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



Part No.	I.D.	O.D.	MAX WP PSI	BURST PRES PSI	MBR	WT LBS/FT	MAX LGT
Special	1	1.5	200	800	4.0"	0.58	60
Special	1.5	1.9	200	800	5.0"	0.79	60
Special	2	2.4	200	800	6.0"	1.18	60
Special	3	3.4	200	800	7.9"	1.88	60
Special	4	4.4	200	800	11.8"	2.68	60
Special	6	7.0	200	800	22.0"	7.20	60
Special	8	9.4	200	800	30.0"	11.0	60

Vapor Recovery Service

Uni-VR

This 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.



Part No.	I.D.	O.D.	MAX WP PSI	BURST PRES PSI	MBR	WT LBS/FT	MAX LGT
3UCVRGG-01000-00	1	1.5	150	600	4.0"	0.58	60
3UCVRGG-01500-00	1.5	1.9	150	600	5.0"	0.79	60
3UCVRGG-02000-00	2	2.4	150	600	6.0"	1.18	60
3UCVRGG-03000-00	3	3.4	150	600	7.9"	1.88	60
3UCVRGG-04000-00	4	4.4	150	600	11.9"	2.68	60
3UCVRGG-06000-00	6	7.0	150	600	22.0"	7.2	60
3UCVRGG-08000-00	8	9.4	150	600	30.0"	11.0	60