

# UNI-OIL™ GGG

## STANDARD PETROLEUM COMPOSITE

THE UNI-OIL™ GGG IS DESIGNED FOR THE TRANSFER OF A WIDE RANGE OF PETROLEUM PRODUCTS AND ARE IDEAL FOR THE TRANSFER OF MEDIA FROM STORAGE TANKS AND PROCESS PIPING TO RAIL CARS OR TANK TRUCKS. MULTIPLE PLYS OF POLYPROPYLENE FILMS AND FABRICS ARE ENCASED IN A POLYESTER VAPOR BARRIER FOR SUPERIOR OPERATION. **\*RATED FOR FULL VACUUM.**



### Uni-OIL™ GGG Standard Petroleum Service Hose

is designed for the transfer of a wide range of petroleum products. Uni-OIL™ GGG 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. Rated for full vacuum.

### Uni-OIL™ GGG

Available Diameters: 1" to 12"

Maximum Length: 100 ft. (10" = 80 ft., 12" = 40 ft.)

Operating Temperature: -40°F to +212°F (-40°C to +100°C)

### Versatile End Configurations

Only Uni-CHEM® offers uniformly crimped hose ends (1" to 10" I.D.). Combined with our custom tooled end fittings Uni-CHEM® provides leak-free assembly every time.

**Male NPT Ends:** Carbon Steel, 316 Stainless Steel, 304 Stainless Steel, Polypropylene

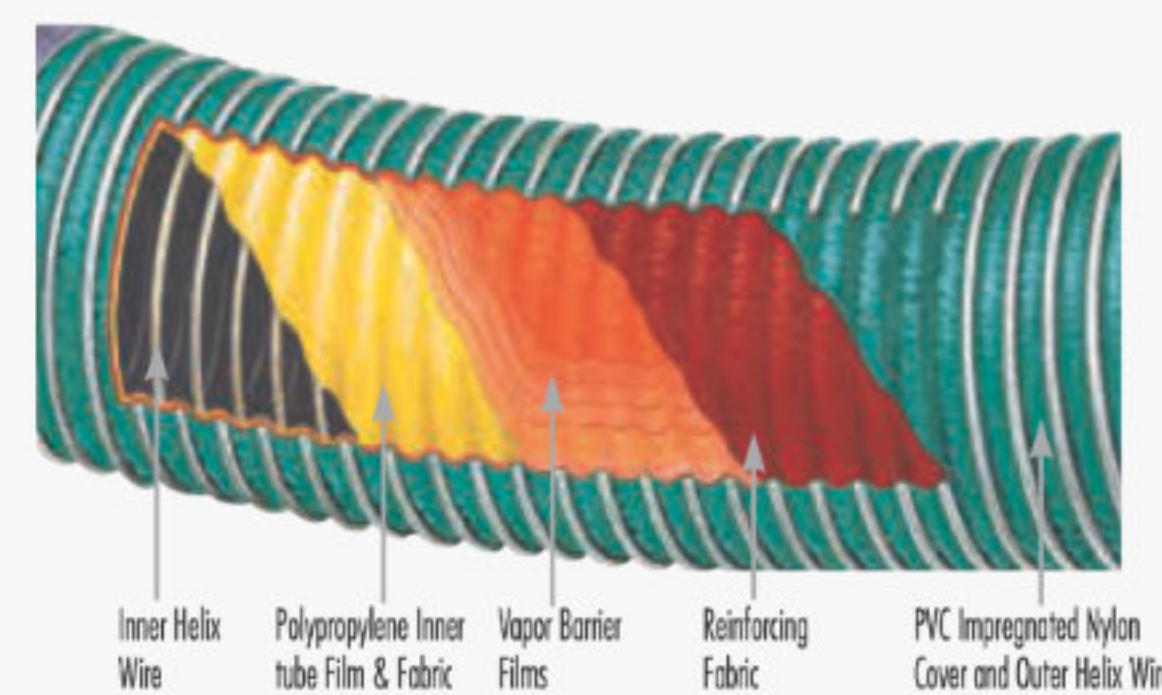
**Flanged Ends:** TTMA flanges for Bottom Loading hoses. Fixed or floating in Carbon Steel, 304 and 316 Stainless Steel

**Cam and Groove:** Quick disconnect couplings in 304 and 316 Stainless Steel and Aluminum - Locking Female available



### 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.



## Specification Chart

ID (INS)	1	1.5	2	3	4	6	8	10	12
<b>ID (OUT)</b>	1.5	2	2.5	3.5	4.5	7.0	9.4	11.5	13.50
<b>Max WP PSI</b>	250	250	250	250	250	250	250	200	200
<b>Burst Pres PSI</b>	1000	1000	1000	1000	1000	1000	1000	800	800
<b>Bend Rad. Inches</b>	4.0	5.0	6.0	7.9	11.9	22.0	30.0	40.0	48.0
<b>Weight LB/FT</b>	0.6	0.8	1.60	2.40	3.20	7.20	11.0	14.5	22.0

Style	Internal Wire	External Wire	Style	Internal Wire	External Wire
<b>GG</b>	Galvanized Steel	Galvanized Steel	<b>PP</b>	Black Polypropylene Coated	Black Polypropylene Coated
<b>PG</b>	Black Polypropylene Coated	Galvanized Steel	<b>SG</b>	316 Stainless Steel	Galvanized Steel
<b>PS</b>	Black Polypropylene Coated	Stainless Steel	<b>SS</b>	316 Stainless Steel	Stainless Steel

Uni-CHEM® Composite Hose are manufactured in compliance with BS 5842 and are available with EN 13765 compliant construction. Marine Service Applications: All Uni-CHEM® hose styles are constructed to marine service specifications in accordance with US Coast Guard spec. 154.500 and I.M.O regulations.

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**COMPOSITE**