

## Uni-CHEM<sup>®</sup> Composite Hose

## Standard Chemical Service

### Standard Chemical Service

Uni-CHEM<sup>®</sup> PG, PS, SG and SS Composite hoses 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 vapour barrier. Rated for full vacuum.

#### Uni-CHEM<sup>®</sup> PG, PS

P-Polypropylene Coated Steel Inner Helix.

G-High Tensile Galvanized Carbon Steel Outer Helix.

S-316L Stainless Steel Outer Helix.

#### Uni-CHEM<sup>®</sup> SG, SS

S-316L Stainless Steel Inner Helix.

G-High Tensile Galvanized Carbon Steel Outer Helix.

S-316L Stainless Steel Outer Helix.

Operating Temperature: -40°C to +80°C.

Standard Cover Colour: Grey

Uni-CHEM<sup>®</sup> Composite hoses by Novaflex<sup>®</sup> manufactured in compliance with BS 5842. All Uni-CHEM<sup>®</sup> hose styles are constructed to marine specifications in accordance with US coast guard spec 154.500 and IMO regulations. Available with EN 13765 compliant construction.



Size ID		Max Working Pressure		Burst Pressure		Bend Radius		Weight		Max Length	
INS	MM	BAR	PSI	BAR	PSI	MM	INS	KG/M	LBS/FT	MTR	FT
1.00	25.00	14	200	56.00	800.00	101.60	4.00	0.86	0.58	40.00	130
1.50	38.00	14	200	56.00	800.00	127.00	5.00	1.56	0.79	40.00	130
2.00	50.00	14	200	56.00	800.00	152.40	6.00	1.75	1.18	40.00	130
2.50	63.00	14	200	56.00	800.00	200.60	7.90	2.53	1.70	40.00	130
3.00	75.00	14	200	56.00	800.00	205.00	8.10	2.79	1.88	40.00	130
4.00	100.00	14	200	56.00	800.00	301.75	11.9	3.98	2.68	40.00	130
6.00	152.00	14	200	56.00	800.00	558.80	22.00	10.70	7.20	30.00	100
8.00	203.00	14	200	56.00	800.00	762.00	30.00	16.36	11.00	24.00	80
10.00	254.00	10	150	40.00	600.00	1000.00	40.00	21.57	14.50	15.00	50

All products are warranted to be free from all defects in material and workmanship. It is impossible to test all products under all conditions to which they might be subjected in the field. It is therefore the buyer and/or end users' responsibility to test all products under the conditions that duplicate the service conditions prior to installation. All improvements, all specifications are subject to change without prior notice. It is the buyer and/or end users' responsibility to review our complete **Terms and Conditions of Sale** located on our web sites at: [www.novaflex.com](http://www.novaflex.com) / [www.z-flex.com](http://www.z-flex.com) / [www.flexmaster.com](http://www.flexmaster.com).

07.2018

### IN U.K.

#### Bromborough, Wirral

18 Plantation Park 2, Power Road  
Bromborough, Wirral UK CH62 3QT  
tel 44(0)151-334-0873  
fax 44(0)151-334-7145  
[www.novaflex.co.uk](http://www.novaflex.co.uk) Email: [sales@novaflex.co.uk](mailto:sales@novaflex.co.uk)

### IN CANADA

#### Ajax, Ontario

555 Beck Crescent  
Ajax, ON L1Z 1C9  
tel (905)686-5200  
fax (905) 686-8349  
800-563-3539

### IN USA

#### North Carolina

449 Trollingwood Road  
Haw River, NC 27258  
tel (336)578-2161  
fax (336)578-5554  
800-334-4270

#### New Jersey

1024 Industrial Drive  
West Berlin, NJ 08091  
tel (856)768-2275  
fax (856)768-2385  
800-225-0215

#### Indianapolis

7812 Moller Road  
Indianapolis, IN 46268  
tel (317)334-1444  
fax (317)334-1535  
800-526-6288