

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

## Special Petroleum Service

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#### Uni-ZENE<sup>™</sup>

Special Service Petroleum Hoses designed to handle modern gasoline additives such as MTBE, ethanol and benzene.

Uni-ZENE<sup>™</sup> 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. Rated for full vacuum.

#### Uni-ZENE<sup>™</sup>

G-High Tensile Galvanized Carbon Steel Inner Helix.

G-High Tensile Galvanized Carbon Steel Outer Helix.

Operating Temperature: -40°C to +100°C. Standard Cover Colour: Red

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 | 104.00      | 4.0  | 0.89   | 0.6    | 40.00      | 130 |
| 1.50    | 38.00  | 14                   | 200 | 56.00          | 800.00 | 130.00      | 5.0  | 1.19   | 0.8    | 40.00      | 130 |
| 2.00    | 50.00  | 14                   | 200 | 56.00          | 800.00 | 155.00      | 6.0  | 2.40   | 1.60   | 40.00      | 130 |
| 2.50    | 63.00  | 14                   | 200 | 56.00          | 800.00 | 203.00      | 7.9  | 2.53   | 1.70   | 40.00      | 130 |
| 3.00    | 75.00  | 14                   | 200 | 56.00          | 800.00 | 208.00      | 8.1  | 3.60   | 2.40   | 40.00      | 130 |
| 4.00    | 100.00 | 14                   | 200 | 56.00          | 800.00 | 355.00      | 11.9 | 4.77   | 3.20   | 40.00      | 130 |
| 6.00    | 152.00 | 14                   | 200 | 56.00          | 800.00 | 560.00      | 22.0 | 10.73  | 7.20   | 30.00      | 100 |
| 8.00    | 203.00 | 14                   | 200 | 56.00          | 800.00 | 760.00      | 30.0 | 16.39  | 11.0   | 24.00      | 80  |
| 10.00   | 254.00 | 10                   | 150 | 40.00          | 600.00 | 1000.00     | 40.0 | 24.00  | 14.5   | 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).

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