

# Uni-Chem Composite Hoses

## Bottom Loading Service

Uni-OIL™ or Uni-ZENE™

Uni-BL™ is ideal for transferring petroleum and 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. All hoses can be color coded to API color codes. Rated for full vacuum.

TTMA FLANGES ARE STANDARD EACH END

Maximum length: 100 ft. (10" = 80 ft.)

Operating Temperature:

Uni-OIL™: -40°F to +212°F (-40°C to +100°C)

Uni-ZENE™: -40°F to +250°F (-40°C to +121°C)



<b>ID (INS)</b>	<b>3</b>	<b>4</b>
<b>ID (OUT)</b>	<b>3.4</b>	<b>4.4</b>
<b>Max WP PSI</b>	<b>250</b>	<b>250</b>
<b>Burst Pres PSI</b>	<b>1000</b>	<b>1000</b>
<b>Bend Rad. Inches</b>	<b>7.9</b>	<b>11.9</b>
<b>Weight LB/FT</b>	<b>2.40</b>	<b>3.20</b>

## Vapor Recovery Service

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 CFR33-1.54. Rated for full vacuum.

Maximum length: 100 ft. (10" = 80 ft.)

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

\*Available with a polypropylene coated and stainless steel inner helix.



<b>ID (INS)</b>	<b>1</b>	<b>1.5</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>6</b>	<b>8</b>	<b>10</b>
<b>ID (OUT)</b>	<b>1.5</b>	<b>1.9</b>	<b>2.4</b>	<b>3.4</b>	<b>4.4</b>	<b>6.75</b>	<b>9.0</b>	<b>10</b>
<b>Max WP PSI</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>75</b>
<b>Burst Pres PSI</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>300</b>
<b>Bend Rad. Inches</b>	<b>4.0</b>	<b>5.0</b>	<b>6.0</b>	<b>7.9</b>	<b>11.9</b>	<b>22.0</b>	<b>30.0</b>	<b>40.0</b>
<b>Weight LB/FT</b>	<b>.58</b>	<b>.79</b>	<b>1.18</b>	<b>1.88</b>	<b>2.70</b>	<b>7.0</b>	<b>10.0</b>	<b>13.0</b>

Uni-CHEM® Composite Hose Assemblies meet USCG 154.500; 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.