

# Composite Hose & Fittings

## Composite Petrol/Oil Suction/Delivery (CODE1000)

### Application

- This anti-static composite hose is engineered for both suction and discharge applications on plant equipment, road tankers, and rail tankers. It is suitable for a wide range of hydrocarbons, offering 100% aromatic resistance. The hose is constructed in accordance with hose and assembly standards AS 2683 and EN 13765 designed to be lightweight and flexible for easy handling, while still being robust, durable, and cost-effective.

### Features

- Ozone resistant
- Weather resistant
- Abrasion resistant
- Oil resistant
- Mandrel Built

### Hose Construction

- Tube: composite - white
- Reinforcement: polypropylene film and fabric
- Outer wire: galvanised steel
- Inner wire: galvanised steel
- Cover: composite - green

### Standards

- AS 2683:2000 Type 1 Grade 3 and EN 13765:2018 Type 3

### Temperature

- 30°C to 80°C



| ID<br>(mm) | Part Number | Pressures |     |       |     | Vacuum<br>(Bar) | Bend<br>Radius<br>(mm) | Weight (kg/<br>mtr) |
|------------|-------------|-----------|-----|-------|-----|-----------------|------------------------|---------------------|
|            |             | Working   |     | Burst |     |                 |                        |                     |
|            |             | PSI       | Bar | PSI   | Bar |                 |                        |                     |
| 25.4       | CODE1000025 | 150       | 10  | 750   | 50  | 0.9             | 100                    | 0.90                |
| 31.8       | CODE1000032 | 150       | 10  | 750   | 50  | 0.9             | 125                    | 1.27                |
| 38.1       | CODE1000040 | 150       | 10  | 750   | 50  | 0.9             | 100                    | 1.47                |
| 50.8       | CODE1000050 | 150       | 10  | 750   | 50  | 0.9             | 150                    | 1.83                |
| 63.5       | CODE1000065 | 150       | 10  | 750   | 50  | 0.9             | 200                    | 2.46                |
| 76.2       | CODE1000080 | 150       | 10  | 750   | 50  | 0.9             | 250                    | 2.87                |
| 101.6      | CODE1000100 | 150       | 10  | 750   | 50  | 0.9             | 300                    | 4.15                |

Product Group: BB06

## Composite Petrol/Oil Delivery Hose Assembly (CODE1000)

### Application

- Anti-static lightweight and flexible suction and delivery hose for a wide variety of hydrocarbons where 100% aromatic resistance is required. Hard-wearing and cost-effective. Used on plant, rail, and road tankers for the transfer of fuels. Fuel depots and refineries, transport contractors.

### Features

- Standard length up to a maximum of 40mtrs
- Available in sizes 25mm ID to 100mm ID
- Available with a wide variety of end configurations; camlocks, flanges, male and female fittings etc.



### Assembly Working Pressure - PSI

| 25 (mm) | 32 (mm) | 38 (mm) | 50 (mm) | 65 (mm) | 76 (mm) | 100 (mm) |
|---------|---------|---------|---------|---------|---------|----------|
| 150     | 150     | 150     | 150     | 150     | 150     | 150      |