# **Bottom Loading**

Bottom loading composite hoses represent a cutting-edge solution for the safe and efficient transfer of a wide range of liquids, making them a cornerstone in various industrial and commercial applications. The term "bottom loading" refers to the method of filling or unloading tanks or containers from the bottom, which offers several advantages, including reduced spillage, improved safety, and increased efficiency. Bottom loading composite hoses are uniquely designed to facilitate this process, making them a preferred choice in industries where rapid, secure, and environmentally responsible fluid transfer is paramount.

Compliance: Bottom Loading liquid Transfer hoses are manufactured in accordance to EN 13765 / 2018 Type 3



#### Features:

- 1. Tough PVC outer cover resists dragging, wearing, abrasion, UV and ozone resistance ensures maximum durability and safety.
- 2. Choice of Galvanised, Stainless Steel or Polypropylene coated outer wire can be provided.
- 4. Suitable for 0.9 Bar Vacuum rating.
- 5. Working Pressure 15 Bar (200 PSI)
- 6. Safety factor 4:1 as per EN 13765 / 2018 (can be achieved higher if required)
- 7. Temperature Range for this hose is -30° C to +100° C (-22° F to +212°  $\,$



## **COMPOHOSE**<sup>®</sup>

### **Applications:**

Bottom loading composite hoses play a crucial role in various applications associated with bottom loading arms, particularly in the production refinery and bulk distribution industries. These hoses are considered the optimal choice for handling lightweight distillates, encompassing a range of fluids such as gasoline, aromatics, MTBE (Methyl Tertiary Butyl Ether), MEK (Methyl Ethyl Ketone), and similar substances. The applications of bottom loading hoses in bottom loading arms are diverse and essential for efficient and safe operations.

Specification Table:												
CODE	SIZE		MEAN OD	MAX W.P		MIN BURST		BEND RADIUS		WEIGHT (KG)	MAX LENGTH	
NAME	ММ	INCH	мм	BAR	PSI	BAR	PSI	ММ	INCH	៤៤ ម ន៤	MT	FT
B02GG75	75	3″	90	15	215	60	860	350	14	5.00	30	100
B02GG100	100	4"	121	15	215	60	860	400	16	7.90	30	100
*Higher burs	t pressu	ire can be	achievea	l on spec	cial reque	est				32		

### Safety Standards:

**Rigorous Safety Testing:** <u>сомроно</u>se<sup>®</sup> assemblies undergo comprehensive testing, conducted at 1.5 times the rated Working Pressure (W.P). This stringent testing adheres to the EN 13765 standard, ensuring a paramount level of safety and reliability.

**Provision of Manufacturer's Test Certificate:** With each supply of **COMPOHOSE**<sup>®</sup> composite hose assemblies, a Manufacturer's Test Certificate is included. This certificate serves as a confirmation of the product's quality and compliance with safety standards, providing added assurance to users.

**Clear Burst Pressure Specification:** The burst pressure of the composite hose is explicitly indicated for ambient temperature conditions. This vital information enhances safety awareness and empowers users to operate within secure pressure limits.

**Effective Electrical Continuity:** The composite hose's electrical continuity is assured through the integration of two bonded wires connected to the end fitting. This innovative design promotes the dissipation of accumulated electrical charges, mitigating the risk of static flashes and associated hazards.

