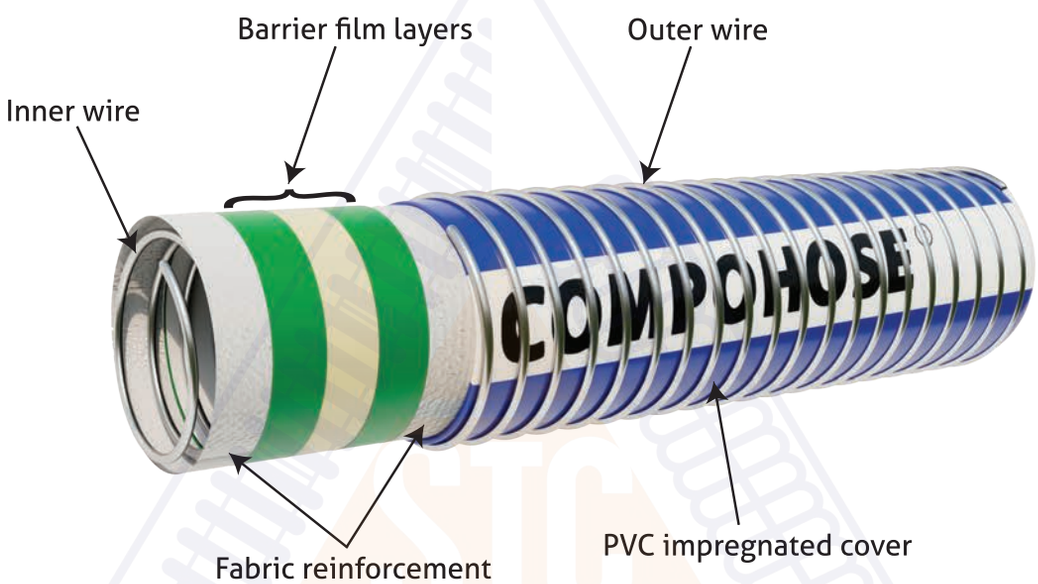
Multi Oil Suction: Standard Duty

A multi-oil suction standard duty composite hose is a type of flexible hose designed for use in industrial applications where the transfer of multiple types of oils and petroleum-based products is required. This hose is constructed using a composite material, typically consisting of multiple layers of different materials such as thermoplastic and reinforcing materials like polyester. These layers are combined to create a hose that offers specific properties and performance characteristics.

Compliance: Multi Oil Suction hoses are manufactured in accordance to EN 13765 / 2018 Type 2



Construction:

Hose Type - GPG, APG, SPG

Inner Wire - Galvanised Steel / Stainless Steel 304, 316 / Aluminium

Inner Lining - Multiple layers of polypropylene fabric, film and polyester barrier layers

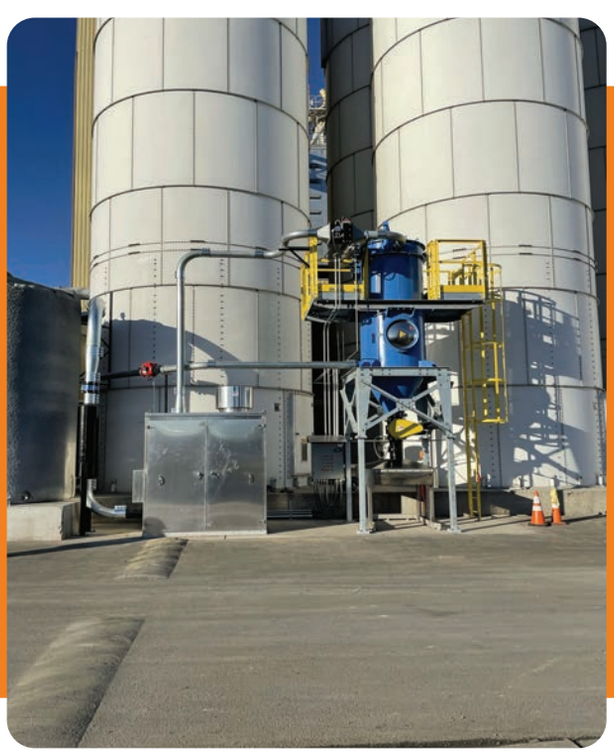
Outer Wire - Galvanised Steel / Stainless Steel 304, 316 / Aluminium

Cover - Abrasion-resistant PVC impregnated fabric

End Fitting - As per client requirements, externally crimped and swaged

Features:

1. **Compatible for safe handling of all types of oil based, 100% aromatic content and other non-aggressive chemicals.**
2. **Light Weight & High Flexibility makes it easy to handle in loading and unloading.**
3. **Tough PVC outer cover resists dragging, wearing, abrasion, UV and ozone resistance ensures maximum durability and safety.**
4. **Double end to end electrical continuity prevents static electricity build up and internal arcing.**
5. **Suitable for 0.9 Bar Vacuum rating.**
6. **Working Pressure 10 Bar (150 PSI)**
7. **Temperature Range for this hose is -30° C to +100° C (-22° F to +212° F)**
8. **Safety factor 4:1 as per EN 13765 / 2018 (can be achieved higher if required)**



COMPOHOSE®

Applications:

Oil Transfer: The primary application of multi oil suction hoses is the transfer of various types of oils and petroleum-based liquids. This includes loading and unloading tank trucks, railcars, and storage tanks.

Marine Operations: These hoses are commonly used in maritime industries for tasks such as bunkering (fueling) ships, transferring oil between vessels, and handling oil spill response.

Industrial Processes: They find applications in industrial processes where the safe and efficient transfer of oils and fuels is necessary. This can include machinery maintenance, factory operations, and fuel supply to power generators.

Oil Refineries: Multi oil suction hoses are used in refineries for transferring crude oil, intermediate products, and refined petroleum products between different process units.

Chemical Plants: In chemical plants, these hoses may be used to transport oil-based chemicals, solvents, and other substances.

Emergency Response: In emergency situations, these hoses can be used for oil spill cleanup and containment, preventing environmental damage.

Tank Storage Facilities: They play a role in transferring oils and fuels to and from storage tanks in various facilities.

Specification Table:

CODE	SIZE		MEAN OD	MAX W.P		MIN BURST		BEND RADIUS		WEIGHT (KG)	MAX LENGTH	
NAME	MM	INCH	MM	BAR	PSI	BAR	PSI	MM	INCH	GG	MT	FT
01GG25	25	1"	37	10	150	40	600	125	5	1.00	30	100
01GG38	38	1.5"	50	10	150	40	600	150	6	1.35	30	100
01GG50	50	2"	65	10	150	40	600	200	8	1.50	30	100
01GG65	65	2.5"	76	10	150	40	600	200	8	1.70	30	100
01GG75	75	3"	89	10	150	40	600	300	12	2.40	30	100
01GG100	100	4"	119	10	150	40	600	400	16	3.70	30	100
01GG150	150	6"	178	10	150	40	600	575	23	8.60	30	100
01GG200	200	8"	231	10	150	40	600	800	32	14.60	30	100
01GG250	250	10"	282	10	150	40	600	1000	40	19.10	15	50
01GG300	300	12"	331	10	150	40	600	1200	48	24.70	15	50
01GG350	350	14"	380	10	150	40	600	1400	56	26.60	6	20
01GG400	400	16"	442	10	150	40	600	1600	64	29.80	6	20

**Higher burst pressure can be achieved on special request*

Safety Standards:

Rigorous Safety Testing: COMPOHOSE® 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® 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.