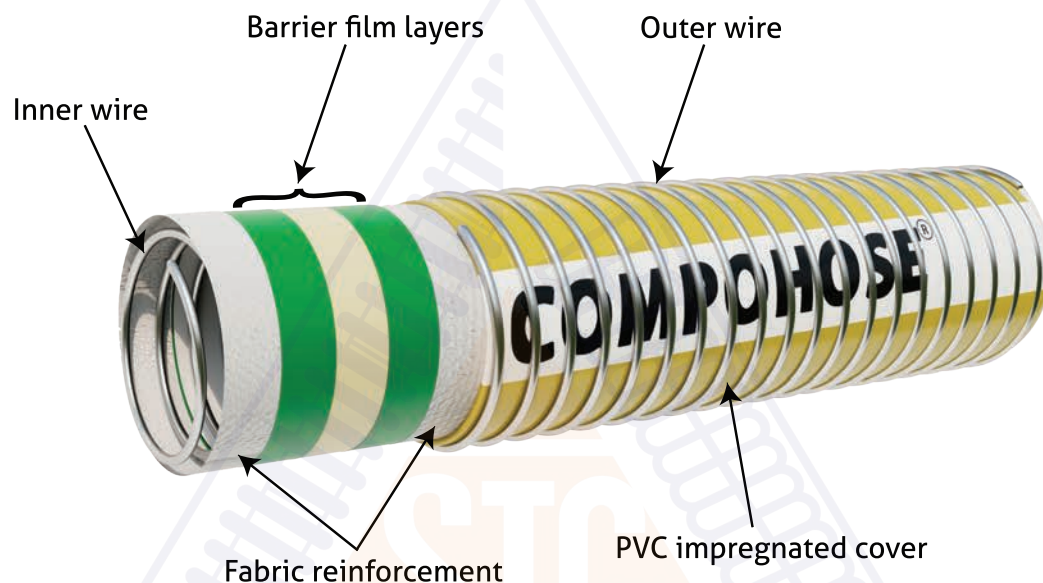


Vapour Recovery

Vapour recovery composite hoses are specialized industrial hoses designed to effectively handle vapor return of volatile hydrocarbon products as well as liquid petroleum products, in various applications such as petroleum refining, processing of aggressive chemical applications. These hoses are robust and light weight engineered using a combination of advanced materials to ensure optimal performance in terms of flexibility, durability, and safety.

Compliance: Vapour Recovery hoses are manufactured in accordance with EN 13765 / 2018 Type 1



Construction:

Hose Type - GPG, SPG

Inner Wire - Galvanised Steel / Stainless Steel 304, 316

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

Outer Wire - Galvanised Steel / Stainless Steel 304, 316

Cover - Abrasion-resistant PVC impregnated fabric

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

Features:

1. Tough PVC outer cover resists dragging, wearing, abrasion, UV and ozone resistance ensures maximum durability and safety.
2. Light Weight & Highly Flexible
3. Suitable for 0.9 Bar Vacuum rating.
4. Safety factor 4:1 as per EN 13765 / 2018 (can be achieved higher if required)
5. Temperature Range for this hose is -30° C to +100° C (-22° F to +212° F)



Applications:

Vapor Recovery Systems: These hoses are designed to facilitate vapor recovery during loading and unloading operations. Volatile organic compounds and other volatile chemicals released during transfer are captured and processed through vapor recovery systems, reducing emissions and minimizing environmental impact.

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 & SG	MT	FT
08GG25	25	1"	37	7	100	28	400	125	5	1.00	30	100
08GG38	38	1.5"	50	7	100	28	400	150	6	1.35	30	100
08GG50	50	2"	65	7	100	28	400	200	8	1.50	30	100
08GG65	65	2.5"	76	7	100	28	400	200	8	1.70	30	100
08GG75	75	3"	89	7	100	28	400	300	12	2.40	30	100
08GG100	100	4"	119	7	100	28	400	400	16	3.70	30	100
08GG150	150	6"	178	7	100	28	400	575	23	8.60	30	100
08GG200	200	8"	231	7	100	28	400	800	32	14.60	30	100
08GG250	250	10"	282	7	100	28	400	1000	40	19.10	15	50
08GG300	300	12"	331	7	100	28	400	1200	48	24.70	15	50

**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.

