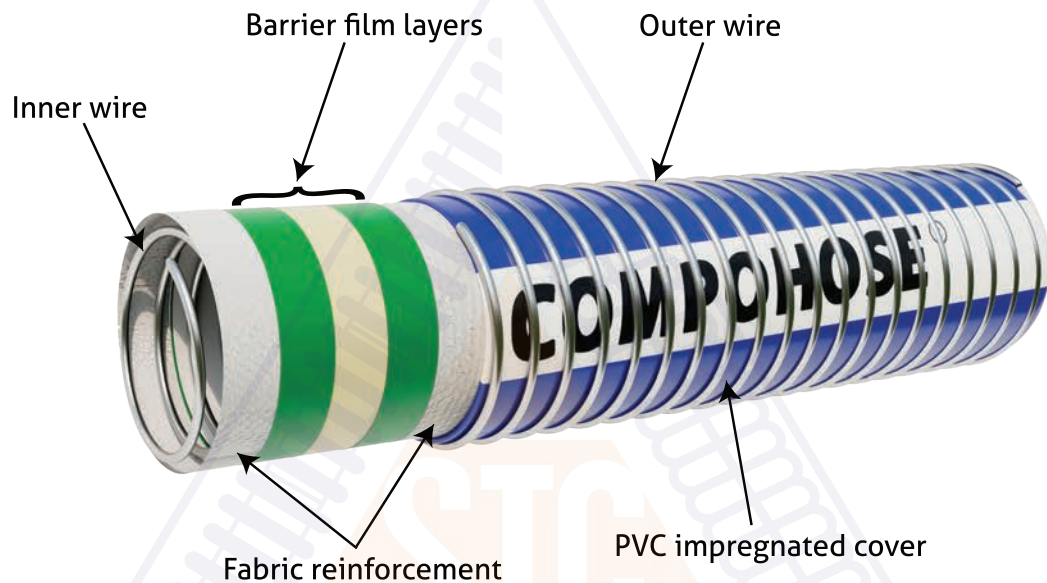


Pump Water Hose:

COMPOHOSE® and assemblies are highly recommended for various applications such as dewatering, pumping, handling sewage water, sludge, and mud. These assemblies feature a spiral-wound high-tensile galvanized iron inner and outer wire, offering both strength and flexibility to ensure the integrity of the hose is maintained even under stressful conditions. These hoses are composed of multiple layers of different materials, each chosen for its specific properties and intended to serve a particular purpose in the hose's overall function.

Compliance: Pump Water hoses are manufactured in accordance to EN 13765 / 2018



Construction:

Hose Type - GPG

Inner Wire - High tensile Galvanised Steel (Available with 304/316 Stainless Steel)

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

Outer Wire - High tensile Galvanised Steel (Available with 304/316 Stainless Steel)

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. Complete product compatibility for safe handling of all types of oil based 100% aromatic & water.
3. Light Weight & Highly Flexible
4. Double end to end electrical continuity prevents static electricity build up and internal arcing.
5. Suitable for 0.9 Bar Vacuum rating.
6. Safety factor 3:1 (can be achieved higher if required)
7. Temperature Range for this hose is -30° C to +100° C (-22° F to +212° F)



Applications:

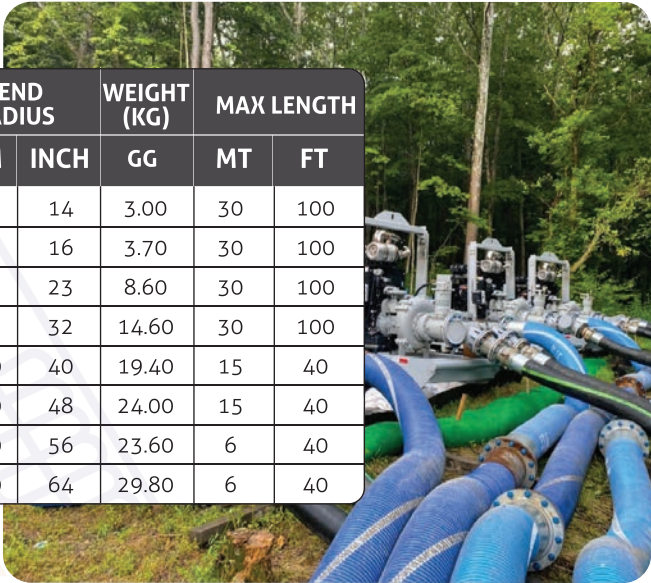
Water Treatment Plants: Pump water composite hoses are used in water treatment facilities to transfer water between different treatment stages, reservoirs, and tanks. Their flexibility and resistance to corrosion make them suitable for handling treated and untreated water.

Waste Management: Pump water composite hoses can be used in waste management facilities for transferring liquids like sludge, wastewater, and chemicals involved in waste treatment processes.

Specification Table:

CODE	SIZE		MEAN OD	MAX W.P		TEST PRESSURE		BEND RADIUS		WEIGHT (KG)	MAX LENGTH	
NAME	MM	INCH	MM	BAR	PSI	BAR	PSI	MM	INCH	KG	MT	FT
PW01GG75	75	3"	90	17	250	25	375	350	14	3.00	30	100
PW01GG100	100	4"	121	17	250	25	375	400	16	3.70	30	100
PW01GG150	150	6"	179	17	250	25	375	575	23	8.60	30	100
PW01GG200	200	8"	233	17	250	25	375	800	32	14.60	30	100
PW01GG250	250	10"	284	17	250	25	375	1000	40	19.40	15	40
PW01GG300	300	12"	333	17	250	25	375	1200	48	24.00	15	40
PW01GG350	350	14"	380	14	200	21	300	1400	56	23.60	6	40
PW01GG400	400	16"	442	14	200	21	300	1600	64	29.80	6	40

**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.

