

# COMPOSITE HOSE

**Note:** Three capital letters are used for the composite hose. The first capital letter means the inner wire; the second capital letter means the outer wire; the third letter means the carcass.

**S**—stainless steel 304/304L/316/316L **G**—galvanized steel **E**—Polypropylene **T**— PTFE

Type	Inner Wire	Outer Wire	Carcass	Cover	Application
KGGE	G	G	Multiple layers of polypropylene or polyester fabrics, films and polyester barrier layers	PVC coated fabric	Gasoline, diesel fuel, crude oil, lubricant oil, mineral spirits, water, Nitrogen, etc.
KGGT	G	G	Multiple layers of polypropylene or polyester fabrics, films, PTFE, fiberglass and polyester barrier layers.	PVC coated fabric	Chemicals without corrosion.
KSGE	S	G	Multiple layers of polypropylene or polyester fabrics, films and polyester barrier layers.	PVC coated fabric	Gasoline, diesel fuel, crude oil, lubricant oil, mineral spirits, water, Nitrogen, etc.
KSGT	S	G	Multiple layers of polypropylene or polyester fabrics, films, PTFE, fiberglass and polyester barrier layers.	PVC coated fabric	Corrosive and aggressive chemicals.
KSSE	S	S	Multiple layers of polypropylene or polyester fabrics, films and polyester barrier layers.	PVC coated fabric	Gasoline, diesel fuel, crude oil, lubricant oil, mineral spirits, sea water, fresh.
KSST	S	S	Multiple layers of polypropylene or polyester fabrics, films, PTFE, fiberglass and polyester barrier layers.	PVC coated fabric	Corrosive and aggressive chemicals.



### Characteristic:

- 40% lighter than the rubber hose which has the same diameter and length.
- Excellent flexibility Good positive and negative pressure resistance.
- Excellent corrosion resistance for chemical liquid medium.
- Outstanding flame retardant property.
- Anti-static Long-term durability.

### Application:

Composite hose, like other hose, provides the vital flexible connection to compensate for vibration, movement, or misalignment in a fluid transfer system. It can be used for delivery and/or suction of fuels, oils and lubricants on tank trucks, railcars or fixed deposits.

### Specification:

Inner Diameter (in)	1"	1½"	2"	2½"	3"	4"	6"	8"	10"	12"
Diameter Tolerances (mm)	±4									
Length(m)±5%	20						16			
Working Pressure (PSI)	290						230			
Temperature (°C)	-40~+130									
Electrical Resistance (Ω)	CS			10						
	SS			20						
Bending Radius(mm)±100	220	220	300	300	350	400	575	800	1000	1200