Industrial Hose

W.G. Tanker Services has an impressive heritage of engineering and services which supports the W.G. Hose Division. The hose division has a full and comprehensive range of services from the testing and certification of most types of tanker and industrial hose, to a range of rubber mandrel built hose, hand built hose, PVC hoses and composite hose assemblies which include PFTE lined hoses with stainless steel fittings.

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All the hoses W.G. stock and assemble are designed to meet the high demands of today's modern road tankers and industrial applications.

MAKING THE RIGHT CONNECTION

When you purchase a hose from WG Tanker Services you enjoy the backing and support of a company that has been recognized and respected as one of Europe’s most innovative suppliers of road tankers.

This impressive heritage of engineering innovation and service reinforces and supports the WG range of industrial hose.

A comprehensive range of high quality mandrel, extruded, and hand-built hoses designed to meet the many and varied demands of a broad spectrum of today's industry.

W.G. Hose Division can also produce bespoke hose assemblies with a wide range of couplings, which include Storz fittings, flanges, tank wagon couplings etc fastened by way of swage, pneumatically band or clamping (See Page 11 for full range).

Hoses can also be produced with the customer’s names and identification colours branded on the out side.

HOSE SERVICES

Rapid fitting of most industrial and composite hoses. Comprehensive on or off - site testing and certification hose management services. Extensive stocks of hoses and fittings at out national supply centers Rapid delivery through out the UK.
Suppliers of hose & hose assemblies to the following industries:

- Food
- Chemical
- Marine
- Brewing
- Paper Making
- Agricultural
- Pharmaceutical
- Petro-Chemical
- Distilling
- Dairy
- Quarrying
- Water Processing

Lengths of industrial hose up to 61 metres.
Lengths of food grade hose up to 40 metres.
Diameters up to 600mm.

WG Tanker Services is expanding its hose services across the U.K. and currently has hose service centres in Water Houses & Foston branches and can recommend types of hose for a wide range of applications.

WG Tanker Services offer differing types of composite hoses with a choice of inner spiral wire materials from polypropylene coated mild steel to stainless steel and with outer spiral wire materials from galvanized steel to stainless steel.

STAINLESS STEEL & PTFE FLEXIBLE HOSES

WG Tanker Services offer two types of construction of composite hose, standard weight and heavy weight depending upon the application and working pressure required. WG can supply stainless steel hoses in a full range of lengths to suit customer requirements and bore sizes from 6mm to 150mm together with a standard range of end fittings in stainless steel or carbon steel. WG’s stainless steel hose is assembled and manufactured in accordance with ISO 9002 and EN 29002.

The construction of the assemblies is a standard 321 stainless steel core with a 304 grade stainless steel overbraid. 316 stainless steel core and double stainless steel overbraid is available on request.

PTFE hose assemblies are available as a smooth or corrugated tube with bore sizes ranging from 6mm to 102mm and lengths to suit customers individual requirements. Hoses are supplied with stainless steel or polymer outer over-braid.

End connections can include hygienic and PTFE lined flanges.
Industrial Hose

AIR/WATER HOSE

A premium quality mandrel-built air hose, which exceeds the requirements of BS5118 Type 2 specifications. Manufactured with an abrasion and weather resistant synthetic rubber cover, it also incorporates a black, oil mist resistant synthetic rubber lining and is further strengthened with a 2 ply or 4-ply polyester tyrecord reinforcement.

**SPECIFICATIONS:**
- Colour: Yellow
- Temperature Range: -30°C to +90°C
- Working Pressure: 21 bar
- Internal Diameter: 13mm to 102mm
- External Diameter: 23mm to 121mm
- Weight: 0.45 to 4.67kg/m²
- Coil Length: 61m

WATER SUCTION & DISCHARGE HOSE


**SPECIFICATIONS:**
- Colour: Black
- Temperature Range: -40°C to +90°C
- Working Pressure: 10 bar
- Internal Diameter: 25mm to 254mm
- External Diameter: 35mm to 281mm
- Weight: 0.89 to 20.50kg/m²
- Coil Length: 10m/60m

VERY HOT AIR BLOWER HOSE

Specially designed with high heat resistant materials to meet the requirements of a range of hot air applications. The hose is constructed with layers of white EPDM reinforced with high tenacity polyester tyrecord and a twin high tensile steel wire helix. The cover is toughened EPDM.

**SPECIFICATIONS:**
- Colour: Black
- Temperature Range: -30°C to +180°C
- Working Pressure: 3 bar
- Internal Diameter: 50mm to 102mm
- External Diameter: 64mm to 103mm
- Weight: 1.81 to 3.26kg/m²
- Coil Length: 40m

STANDARD HOT AIR BLOWER HOSE

Specially designed with high heat resistant materials to meet the requirements of a range of hot air applications. The hose is constructed with layers of black/white EPDM reinforced with high tenacity polyester tyrecord and a twin high tensile steel wire helix. The cover is toughened EPDM.

**SPECIFICATIONS:**
- Colour: Blue (Also Black)
- Temperature Range: -30°C to +140°C
- Working Pressure: 10 bar
- Internal Diameter: 51mm to 102mm
- External Diameter: 66mm to 118mm
- Weight: 2.41 to 4.51kg/m²
- Coil Length: 40m
SUPERVRAC AL ABRASIVE FOOD HOSE

Pneumatic transport of bulk abrasive products for the food industry. Discharge from road and rail tankers, and delivery to storage bins: foodstuffs (sugar, flour, milk powder, cattle feed etc) and chemicals (fertilizer, granulates, PVC, dye stuffs etc) Conduct tube and cover considerably extends life especially for transfer at high speeds

SPECIFICATIONS:

- Colour: Black
- Temperature Range: -30°C to +164°C
- Working Pressure: 7 bar
- Internal Diameter: 75mm to 110mm
- External Diameter: 87mm to 123mm
- Weight: 1.80 to 2.63kg/m²
- Coil Length: 40m

SUPERVRAC AL EC ABRASIVE FOOD HOSE (Anti-static Tube)

Pneumatic transport of bulk abrasive products for the food industry. Discharge from road and rail tankers, and delivery to storage bins: foodstuffs (sugar, flour, milk powder, cattle feed etc) and chemicals (fertilizer, granulates, PVC, dye stuffs etc) Conduct tube and cover considerably extends life especially for transfer at high speeds

SPECIFICATIONS:

- Colour: Black
- Temperature Range: -30°C to +80°C
- Working Pressure: 7 bar
- Internal Diameter: 75mm to 110mm
- External Diameter: 87mm to 123mm
- Weight: 1.80 to 2.63kg/m²
- Coil Length: 40m

SEMPERIT STEAM HOSE DS3

Suitable for conveying saturated steam and hot water. Good resistance against commercial detergents. Especially designed for industry, car repair workshops and garages.

SPECIFICATIONS:

- Colour: Red
- Temperature Range: -30°C to +164°C
- Working Pressure: 6 bar
- Internal Diameter: 13mm to 50mm
- External Diameter: 23mm to 70mm
- Weight: 0.35 to 2.40kg/m²
- Coil Length: 40m

DAIRY STEAM HOSE

For use in critical food processing environments such as creameries, dairies and abattoirs, this high quality hose meets all BS5122 Type 2B specifications. It is constructed with a white EPDM lining and is strengthened by a polyester tyre cord reinforcement. The cover is from a tough, oil resistant synthetic rubber.

SPECIFICATIONS:

- Colour: Blue/White
- Temperature Range: -30°C to +170°C
- Working Pressure: 7 bar
- Internal Diameter: 13mm to 51mm
- External Diameter: 25mm to 68mm
- Weight: 0.46 to 2.14kg/m²
- Coil Length: 61m
### SEMPERIT HOSE FOR MILK TANKER LM2

Highly flexible suction and discharge hose with helix for filling and discharging milk tankers. Also suitable for conveying alcoholic and soft drinks, such as wine, beer, fruit juice and mineral water. Easily cleaned (see our cleaning instructions) due to smooth lining. The hose complies with the "Recommended XXI, Category 2" of BGW (Federal Health Authority of the FRG).

**SPECIFICATIONS:**
- **Internal Diameter:** 38mm to 70mm
- **External Diameter:** 48mm to 84mm
- **Temperature Range:** -30°C to +80°C
- **Working Pressure:** 6 bar
- **Weight:** 1.15 to 2.80kg/m²
- **Coil Length:** 40m

### FLOUR HOSE FDA FOOD APPROVED

Pneumatic transport of abrasive dry food products. Ie Four etc, Supplied with cuffed ends

**SPECIFICATIONS:**
- **Internal Diameter:** 102mm
- **External Diameter:** 108mm
- **Temperature Range:** -30°C to +80°C
- **Working Pressure:** 7 bar
- **Weight:** 4.5kg/m²
- **Coil Length:** 40m

### ALIKLER D FOOD GRADE HOSE

High pressure discharge of food stuffs such as Milk, Beer, Oil, & Fat, Wine, Cider, Fruit Juice and alcohol up to 96%.

Smooth, seamless, white, multipurpose food grade tube that does not propagate bacterial growth, Resistance to cleaning of detergents at temperatures of 130°C during several minutes

**SPECIFICATIONS:**
- **Internal Diameter:** 32mm to 100mm
- **External Diameter:** 44mm to 117mm
- **Temperature Range:** -30°C to +100°C
- **Working Pressure:** 15 bar
- **Weight:** 1.00 to 3.81kg/m²
- **Coil Length:** 40m

### CITERDIAL FOOD GRADE HOSE

For milk handling: tanker lorries for milk collection and transport. Dairy unloading bays and stationary equipment, processing and filling plants. Also for transfer of other food stuffs such as wine, beer, cider, fruit juice, vinegar, drinking water and alcohol up to 96%

Smooth, seamless, white, multipurpose food grade tube that does not propagate bacterial growth, Resistance to cleaning of detergents at temperatures of 110°C during several minutes

**SPECIFICATIONS:**
- **Internal Diameter:** 25mm to 63mm
- **External Diameter:** 36mm to 74.5mm
- **Temperature Range:** -30°C to +80°C
- **Working Pressure:** 6 bar
- **Weight:** 0.70 to 2.08kg/m²
- **Coil Length:** 40m
Industrial Hose

LACTADIAL

A high quality corrugated cover hose for plant and tanker milk applications. Made with a white natural rubber lining, meeting FDA, BGA and all food industry requirements, reinforced with polyester tyrecord and high tensile steel wire helix. The cover is weather and abrasion resistant chloroprene.

**SPECIFICATIONS:**
- Colour: Blue/White
- Temperature Range: -30°C to +90°C
- Working Pressure: 6 bar
- Internal Diameter: 25mm to 102mm
- External Diameter: 37mm to 120mm
- Weight: 0.96 to 5.65kg/m²
- Coil Length: 40m

HEAVY ROPE DOWN FOOD HOSE

Manufactured from FDA approved white nitrile compounds, this high quality hose is constructed with a heavy rope down finish for maximum flexibility. The reinforcement includes 2 ply polyester tyrecord, single ply breaker fabric, and high tensile steel wire. The outer cover is corrugated chloroprene rubber. Hose may be constructed with a nylon helix to give crushproof qualities.

**SPECIFICATIONS:**
- Colour: White
- Temperature Range: -30°C to +90°C
- Working Pressure: 10 bar
- Internal Diameter: 32mm to 102mm
- External Diameter: 46mm to 121mm
- Weight: 1.37 to 5.18kg/m²
- Coil Length: 40m

WIRE REINFORCED PCV SUCTION HOSE

Manufactured from heavy duty transparent flexible food grade PVC and reinforced with a high-tensile carbon steel wire helix, accurately pitched and positioned to give excellent resistance to pressure, vacuum, abrasion and crushing, resistance is sustained over a wide temperature range. The hose retains flexibility at low temperatures and has a smooth bore for reduced flow resistance. The hose is a suction/delivery, designed to carry water, slurries, dilute chemicals, foodstuffs such as milk and abrasive granules.

**SPECIFICATIONS:**
- Colour: Clear (Standard) Blue (Oil Resistant)
- Temperature Range: -15°C to +65°C
- Working Pressure: -
- Internal Diameter: 12mm to 150mm
- External Diameter: 12mm to 150mm
- Weight: 0.18 to 6.75kg/m²
- Coil Length: 20-30m

MULTIPURPOSE FLEXIBLE BRAIDED PVC FOOD HOSE

Industrial, multipurpose flexible PVC hose, reinforced with a high tenacity polyester fibre. Products are manufactured from clear flexible PVC materials whose ingredients are all FDA or BGA approved for food contact applications. Its applications are conveying many liquids and gases under pressure. Instrumentation, crop spraying and many other industrial applications. Conveyance of fluid and semi-fluid food stuffs.

**SPECIFICATIONS:**
- Colour: Clear/Red/Green/Yellow/Blue
- Temperature Range: -20°C to +60°C
- Working Pressure: -
- Internal Diameter: 6.3mm to 25mm
- External Diameter: 11.5mm to 33mm
- Weight: 2.75 to 13.8kg/m²
- Coil Length: 30m
ANIMAL FEED HOSE

A very flexible high quality animal feed hose, suitable for severe operating conditions. The FDA approved tan tube makes this hose also suitable for handling products for human consumption.

**SPECIFICATIONS:**

- Colour: Black
- Temperature Range: -30°C to +90°C
- Working Pressure: 4 bar
- Internal Diameter: 51mm to 203mm
- External Diameter: 67mm to 221mm
- Weight: 2.77 to 14.55kg/m²
- Coil Length: At Request

ABRASIVE FOOD HANDLING HOSE (DELIVERY)

A very flexible high quality animal feed hose, suitable for severe operating conditions. The FDA approved tan tube makes this hose also suitable for handling products for human consumption.

**SPECIFICATIONS:**

- Colour: Black
- Temperature Range: -30°C to +90°C
- Working Pressure: 8 bar
- Internal Diameter: 13mm to 254mm
- External Diameter: 66mm to 282mm
- Weight: 1.62 to 15.6kg/m²
- Coil Length: 5m/40m

SEMPERIT SMSP AGGREGATE SUCTION & DELIVERY HOSE

A high quality, cross-linked polyethylene lined hose, suitable for over 90% of chemical transfer applications. Protecting this core is a 2-ply or 4-ply polyester tyre cord cover, incorporating a high tensile twin helix, one of which is anti-static. (Other chemical hose include 5C01-Viton, 5C02-NR, 5C03-Hypalon)

**SPECIFICATIONS:**

- Colour: Blue (White Stripes)
- Temperature Range: -20°C to +80°C
- Working Pressure: 16 bar
- Internal Diameter: 19mm to 102mm
- External Diameter: 33mm to 122mm
- Weight: 0.91 to 5.62kg/m²
- Coil Length: 61m

COMPOSITE FUEL & OIL HOSE

A high quality corrugated cover hose for plant and tanker milk applications. Made with a white natural rubber lining, meeting FDA, BGA and all food industry requirements, reinforced with polyester tyre cord and high tensile steel wire helix. The cover is weather and abrasion resistant chloroprene.

**SPECIFICATIONS:**

- Colour: Blue/White
- Temperature Range: -30°C to +90°C
- Working Pressure: 6 bar
- Internal Diameter: 25mm to 205mm
- External Diameter: 37mm to 220mm
- Weight: 0.96 to 5.65kg/m²
- Coil Length: 20m
**COMPOSITE CHEMICAL HOSE**

A high quality corrugated cover hose for plant and tanker milk applications. Made with a white natural rubber lining, meeting FDA, BGA and all food industry requirements, reinforced with polyester tyrecord and high tensile steel wire helix. The cover is weather and abrasion resistant chloroprene. Also available with a PTFE lining.

**SPECIFICATIONS:**
- Colour: Blue/White
- Temperature Range: -30°C to +80°C
- Working Pressure: 10/25 bar
- Internal Diameter: 25mm to 205mm
- External Diameter: 37mm to 220mm
- Weight: 0.96 to 5.65kg/m²
- Coil Length: 20m

**PETROLEUM TRANSFER: HYDROCARBON HOSE**

Suitable for both oil and petrol applications, this high quality flexible hose meets BS3492-D requirements. The black nitrile rubber lining is 55% aromatic resistant. The reinforcement comprises 2-ply polyester tyrecord with twin steel wire helix and antistatic wire. The cover is an oil and ozone resistant chloroprene rubber.

**SPECIFICATIONS:**
- Colour: Black/Red
- Temperature Range: -40°C to +100°C
- Working Pressure: 10 bar
- Internal Diameter: 19mm to 152mm
- External Diameter: 66mm to 172mm
- Weight: 0.65 to 9kg/m²
- Coil Length: 10/36.6m/61m

**SEMPERIT GENERAL PURPOSE HOSE TU10/TU25**

Flexible hose for industrial oils, fuel and diesel oils, petrol and compressed air. Indispensable for industry and garages, filling stations and automobile repair shops.

**SPECIFICATIONS:**
- Colour: Black
- Temperature Range: -40°C to +80°C
- Working Pressure: 10/25 bar
- Internal Diameter: 6mm to 25mm
- External Diameter: 12mm to 36mm
- Weight: 0.1 to 0.7kg/m²
- Coil Length: 50-100m

**MEDIUM DUTY GENERAL PURPOSE PVC HOSE**

Manufactured for a broad range of suction/discharge applications, this multi purpose PVC hose is strengthened with a rigid PVC spiral reinforcement. Recommended for the agricultural, chemical and building industries, it is ideal for handling water, slurries, sludge, waste matter and chemicals.

**SPECIFICATIONS:**
- Colour: Olive Green
- Temperature Range: -15°C to +65°C
- Working Pressure: -
- Internal Diameter: 25mm to 152mm
- External Diameter: -
- Weight: 0.32 to 7.7kg/m²
- Coil Length: 6m/30m
SEMPERIT SHOT BLAST HOSE SM2/SM3

Developed for conveying highly abrasive media: suitable for blasting sand and other media e.g. quartz, steel short, corundum, glass etc. Long service life due to abrasion resistant tube. Security against electric shocks by antistatic tube.

SPECIFICATIONS:
- Colour: Black
- Temperature Range: -30°C to +80°C
- Working Pressure: 12 bar
- Internal Diameter: 13mm to 42mm
- External Diameter: 27mm to 62mm
- Weight: 0.50 to 1.8kg/m²
- Coil Length: 40m

SEMPERIT SIGMA CONVEYING SYSTEM FS3310

The flexible materials handling hose system with the extra-long life.

3310: Hydraulic conveyance of the abrasive materials.
3320: Pneumatic conveyance of abrasive materials.
3330: Hydraulic conveyance of corrosive liquids.
3340: Pneumatic conveyance of solid and powered foodstuffs.
3350: Hydraulic conveyance of abrasive and aggressive materials.

SPECIFICATIONS: On Application
- Colour: -
- Temperature Range: -
- Working Pressure: -
- Internal Diameter: -
- External Diameter: -
- Weight: -
- Coil Length: -

HEAVY DUTY BULK DISCHARGE HOSE

A versatile material handling delivery hose suitable for heavy-duty applications using abrasive powders. Successfully used in arduous conditions, light weight and ideal for the delivery of cement and other dry powder applications.

Available in standard 5mm wall thickness or heavy duty 10mm wall thickness

SPECIFICATIONS:
- Colour: Black
- Temperature Range: -30°C to +90°C
- Working Pressure: 5 bar
- Internal Diameter: 51mm to 152mm
- External Diameter: 69mm to 171mm
- Weight: 2.05 to 5.95kg/m²
- Coil Length: 40m

STAINLESS STEEL HOSE

WG Tanker can supply stainless steel hoses in a full range of lengths to suit customer requirements and bore sizes from 6mm to 150mm together with a standard range of end fittings in stainless steel or carbon steel. WG Tanker stainless steel hose is assembled and manufactured in accordance with ISO 9002 and EN 29002.

SPECIFICATIONS:
- Colour: Stainless Steel
- Temperature Range: -
- Working Pressure: Various
- Internal Diameter: -
- External Diameter: -
- Weight: -
- Coil Length: -
WG Services has specialised in the powder industry for over ten years and can offer the largest range of powder hose couplings in the country, these can be supplied fitted or non fitted, our range covers Storz, Guillemen, Camlock, Unicone, Sure Seal, Tank Wagon and many more available in alloy, brass, plastic or stainless steel.

**Liquid Hose Couplings**

WG Services can offer liquid couplings for all type of product with the correct seals to maximize life expectancy of the hoses against all types of corrosive materials, supplied fitted these would then be pressure tested and certified to our customers requirements.

What ever your needs WG has the answers.

Along with all the above hose couplings WG Services has a wide range of fitting methods which include,

1. Torque settings to suit thickness of hose giving constant repeatable tensioning thus avoiding over or under tightening.
2. Pre-formed clips are available to suit virtually any diameter hose.
3. The use of crimped buckles eliminates the risks associated with sharp edges and tampering from third parties.

**Clamp & Fitting Methods**

At WG Tanker Services our fully trained staff can offer a certified traceable hose assembly test and retest scheme, this can be adapted to suit all operators needs. Also available is our web based computerised log of all hoses that are supplied, this enables our customers access any where in the world to view test dates and print off certificates, all hoses are tested in accordance with all industry codes of practice keeping you one step ahead.
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