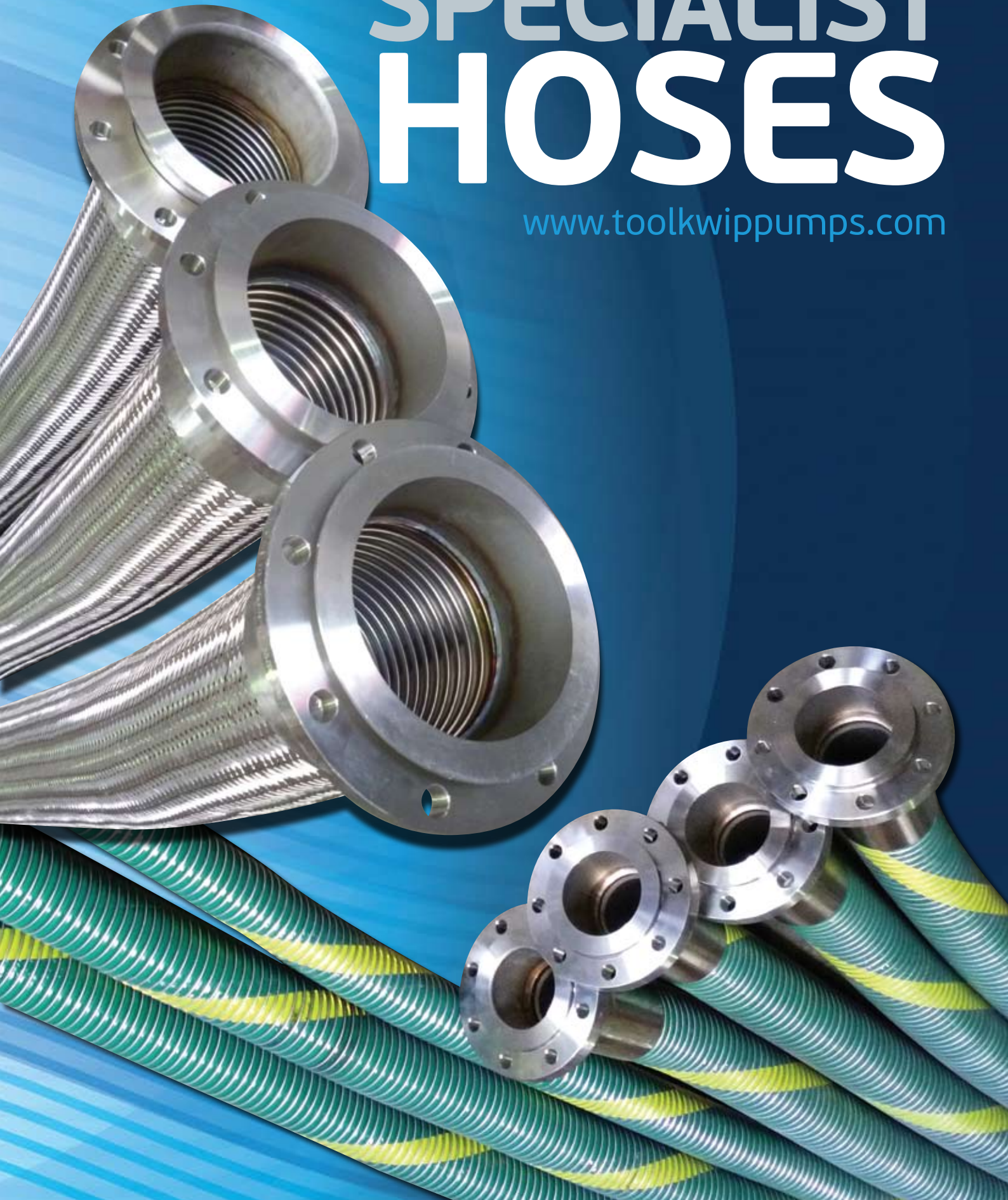




SPECIALIST HOSES

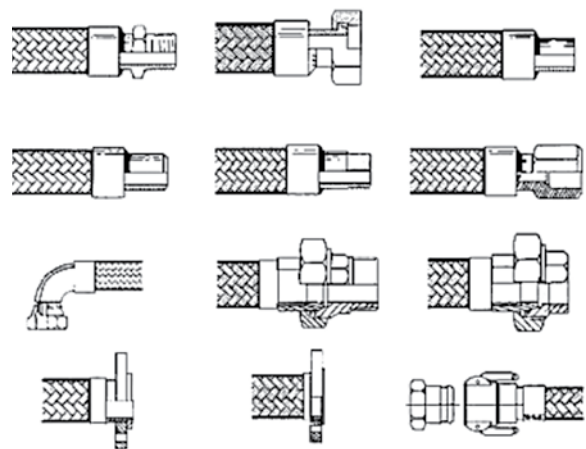
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STAINLESS STEEL BRAIDED HOSES

- › Sizes: ½" – 12"
- › Toolkwp's flexible metal hose is hydraulically formed from 316L stainless steel material. It is fitted with a 304 stainless steel outer braid. Other grades of material are available on request.
- › The advantage of flexible metal hose compared to other materials is its capability to withstand a large temperature range from -270°C to +816°C.
- › Hose manufactured to ISO 10380
- › Pressure ratings up to 210 Bar – this will change depending on the hose size.
- › Hoses are custom built to the length you require and fitted with your choice of connections including flanges, Bauers, threaded, CFA couplings and camlocks.
- › Also available Teflon lined hose with outer stainless steel braid.



(03) 8805 0500



COMPOSITE HOSE ASSEMBLIES

Dedicated to supplying industry with the highest quality composite hose assemblies and the flexibility to build hose to your request.

Our composite hose is manufactured in standard 25 metre long coils on a state of the art manufacturing line by winding a combination of reinforcing wires, fabric layers and special selection of barrier films around a solid mandrel from 1 inch to 4 inches diameter.

Composite hose assemblies are suitable for a range of applications including hydrocarbon products, aromatic hydrocarbons, solvents, chemicals and cryogenic.



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**Specifications subject to change without notice.*

› WIRES

Internal and external wires are made out of galvanised steel, stainless steel grade 316, polypropylene coated steel or aluminium.

› OUTER COVER & IDENTIFICATION STRIP

The outer cover can be made from two different materials depending on the purpose of the hose. It acts as a pressure reinforcement, it protects the other materials from UV rays, gives added abrasion resistance and with different colour combinations between the outer cover and identification strip we are able to identify the different hoses at a glance. For increased safety we can supply the hoses with a reflective identification strip.

› INNER MATERIALS

A combination of purposely selected films and fabrics make up the hose wall ensuring the tremendous range of chemical resistance, working temperatures and working pressures.





CUSTOM BUILT RUBBER HOSES

Complete range of custom engineered hose assemblies with capability to manufacture hoses up to 20 metres in length and nominal bore size to 770mm.

› TUBE

Many rubber compounds are available depending on the material the hose is designed to transport and the operating temperature. They are available in a range of durable natural and synthetic compositions and chemical and heat resistant polymers.

› REINFORCEMENT

The reinforcement determines strength of the hose. It enables the hose to withstand pressure and external forces. The reinforcement depends on the eventual service conditions of the hose and is available in various materials including synthetic yarns, steel cords or a combination of both.

› COVER

The hose cover protects the inner tube from wear and external damage. The cover is a rubber compound selected to suit the working environment of the hose.

› ENDS

Hose ends are a critical component of the hose to ensure optimum performance and durability. The ends are assembled with the steel insert built into the carcass of the hose with no exposure of the metal surfaces to the media being transferred. The ends are internally wire wipped delivering arguably the strongest and most durable method available. The flanges can either be fixed as part of the stub built in or floating to enable swivel movement which assists in the alignment of the flanges.





LAYFLAT HOSE

Layflat hose is available in several different grades resulting in different pressure ratings and wear life. Committed to delivering you the hose to meet your requirement they can be supplied in lengths up to 100mtr long and fitted with a range of couplings including camlocks, Bauers and flanges. They range in size from 25mm (1") through to 300mm (12").

› BLUE LAYFLAT

A medium duty hose often selected as a low cost option for use in areas where the hose will not be subject to regular relocation or external abrasion.

› RED LAYFLAT

The red PVC layflat is a heavier duty hose with working pressure up to 10 Bar depending on hose diameter. Ideal for water drainage in civil construction, municipal, quarries and mines.

› BLACK LAYFLAT

Black flex rubber layflat hose is a heavy duty hose ideally suited to water transfer in mine dewatering applications and civil construction. They are also ideal for sewerage and sludge transfer applications

› GREEN LAYFLAT

Extra Heavy duty Green PVC layflat designed for the toughest applications with high tensile strength. A proven performer in mine dewatering applications, the best choice where a tough, heavy duty, durable, long life solution is required. Pressures to 15 Bar depending on hose diameter

› YELLOW LAYFLAT

Yellow rubber layflat hose has extra high abrasion resistance and can handle pressures up to 20 Bar depending on the hose diameter. Typical applications include air compressor for civil and construction, compressors for drilling machinery and pumping of high performance liquids

Toolkwip also distribute **FLEXIBORE** layflat hose ideal for bore water pumping and **WATERLORD** mine dewatering hose. Contact us today to discuss your requirements.

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