

ABRASIVE HOSE  
 GULLY HOSE  
 ROAD SWEEPER HOSE  
 TOILET HOSE  
 SOIL HOSE  
 GRAIN HOSE  
 AIR BLOWER HOSE  
 FOOD HOSE  
 OIL HOSE  
 WATER HOSE  
 FLOUR HOSE  
 VACUUM DUCT  
 REINFORCED SLEEVE  
 RADIATOR HOSE  
 PERISTALTIC PUMP HOSE  
 CHEMICAL HOSE  
 BELLOWS  
 PINCH HOSE  
 HD ACID HOSE  
 STERN GLAND HOSE  
 CONDUIT HOSE  
 TRANSOCEAN OIL HOSE  
 CESS PIT HOSE  
 RAD HOSE  
 VACUUM BRAKE HOSE  
 ABRASIVE HOSE  
 GRAIN SLEEVE  
 SAND DELIVERY HOSE  
 AIR BRAKE HOSE  
 REINFORCED BLADDER  
 FORK LIFT SLEEVES  
 ABRASIVE HOSE HYDRAPOWER  
 BITUMEN HOSE  
 DREDGER SUCTION HOSE  
 AVIATION FUEL HOSE  
 STEAM HOSE  
 THERMOID BRICK HOSE  
 GAS HOSE  
 SHAPED WATER HOSE  
 SHAPED AIR INTAKE HOSE  
 COAL BLOWER HOSE  
 AIR DUCT HOSE  
 CHEMICAL DRAIN HOSE  
 SLURRY DELIVERY HOSE  
 WHALE SUCTION HOSE  
 CEMENT S & D HOSE  
 PULP HOSE  
 SHAPED EXHAUST HOSE  
 OILY AIR HOSE  
 FURNACE CABLE SLEEVE  
 OILY VACUUM HOSE  
 HIGH TEMP RADIATOR HOSE  
 SHAPED AIR HOSE  
 VITON LINED CHEMICAL HOSE  
 NELSON HYDRAULICS HOSE  
 RAILWAY STEAM HOSE  
 ACID VACUUM HOSE  
 RAILWAY AIR DUCT  
 BREATHER HOSE  
 CHEMICAL HOSE (CHLORBUTYL)  
 VITON LINED HOSE  
 SILICONE SHAPED HOSE  
 TAR SPRAY HOSE



## FLEXIBLE HOSE SPECIALISTS

### Our service

Our service starts with efficient and helpful telephone staff. Clear and sensible technical advice. Rapid specifications and quotations. And on-time deliveries. Call us, or email us, and let us prove it.

We must reserve the right to change specifications without prior notice. Halyard and Aquadrive are trade marks.

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**Phone and ask us if you'd like more help. We're happy to talk through the details of any installation.**

All products in this brochure meet the requirements of the Recreational Craft Directive at 1st September 2003.

Literature Code HMI 109/01



## RUBBER HOSES & FLEXIBLES

### FLEXIBLE HOSE SPECIALISTS

Design and manufacture of high quality hand made hoses



One of a series of brochures on products from Halyard **7**

# Rubber Hoses & Flexibles

## Our Hoses

Jet aircraft, vintage railway engines, smart powerboats, roadsweepers and construction site diggers. All use hand-built hoses from the Cerambond Division of Halyard - a specialist business dedicated to producing hand-made hoses for powerboat exhausts, railway vacuum brake systems, aircraft fuel supply lines, roadsweeper vehicles, concrete delivery, survival suit inflation systems, hospitals, food processing and hundreds of other specialist applications.

Cerambond has been making hoses since 1975. Blue chip customers came gradually; some have been with us since the company started, some are more recent, but one and all depend on our consistent quality and reliable delivery.

Our hose construction index provides us with the basis to build hoses for over 150 different uses, often in very small quantities, occasionally to hugely demanding test specifications for use in extreme hostile environments. A digger, working in the 50 degree centigrade heat of the Arabian Gulf, uses our hose in the hydraulic fluid return system. A commercial pilot vessel meeting a ship 30 miles off the Nigerian coast uses our hose to carry exhaust gasses from twin 1,000hp diesels to the hull outlets. A fighter aircraft taking off from the deck of an aircraft carrier uses our hoses to carry fuel to its engines. And a railway preservation society uses our vacuum hoses to connect a train's braking system, specially made in tiny batches to ensure history can continue. Our hoses are exported all over the world. The railways of Africa, connectors for the Swedish automotive industry, survival suits used in hazardous situations everywhere, and marine exhaust hose for boats and commercial craft around the globe.



Lloyds Approved  
Marine Diesel  
Exhaust Hose



**Halyard**  
CERAMBOND DIVISION

## The process

Cerambond hoses use carefully controlled Lining and Cover rubber with a wide selection of reinforcements in carefully designed layers to ensure that pressure, temperature and other operating requirements are met. Each layer is wound carefully, by hand, onto slowly rotating mandrels up to 12 metres long. Wire and tyre cord reinforcements are added between layers, as each hose builds gradually to a carefully considered specification. Organic rubbers use carbon based long chain monomers bonded by heat, and specialised cross linking agents to form a tough, durable product tailored for its environment and application.

Alternatively, we use a wide range of silicon, created from silica and chemically modified to produce silicon hoses which take very much higher temperatures than traditional neoprene and nitrile rubber hoses. Silicon hoses are also used where looks count – for instance in the engine room of an expensive powerboat.

Finished products are heat cured under pressure before being removed from their mandrels, and pass inspection prior to despatch. Customers names and logos are added as required, together with Lloyds, ISO, BS, and SAE approvals where relevant.



## The Company

Cerambond is part of Halyard, a specialist group of businesses, established in 1979, manufacturing products for industry generally, and particularly the marine world, at four sites on the south coast of Britain. Products include acoustic hoods for pumps, exhaust systems for water injected marine diesels, noise insulation materials, stainless steel water injection systems for marine use, filament wound glass reinforced polyester tube, and a huge range of products linked to the suppression of noise and vibration on marine diesel engines.