



# Silicone Hose & Accessories PRODUCT BROCHURE 2011

The **FIRST** - Performance hose brand

The **BEST** - Quality and materials

The **LAST** - Hose you'll ever need to fit



www.samcosport.com



## Silicone Hose & Accessories

### Introduction

SamcoSport are the world leaders in Performance Silicone hose, offering the largest range of both Replacement Kits & Universal Race Parts & Accessories. With over 500 kits available for almost 40 vehicle manufacturers, Samco's Replacement Kit range covers everything from high performance to classic cars, with the Motorbike range including kits for road bikes, dirt bikes & quads. The Universal Race Parts range consists of an array of shapes, sizes, specialist linings & accessories and is perfect for motorsport & custom installations.

### SamcoSport - The FIRST > THE BEST > THE LAST

#### THE FIRST Performance hose brand

SamcoSport pioneered performance silicone hose for the performance and racing aftermarket - our famous Samco Blue, has been the signature colour for silicone hose every since. We are THE experts in silicone hose, with over 20 years experience, and we now operate out of the largest performance hose facility in Europe.

#### THE BEST Quality & materials

SamcoSport use only the best quality European, automotive grade silicone - we avoid the cheaper, highly "filled" imported silicones as these simply don't offer the reliability of performance under extreme heat and pressure. SamcoSport hoses are 100% hand-made by skilled craftsmen and although other processes do exist for making silicone hose, we have found that none of these other methods deliver the quality, reliability, surface finish & high lustre that SamcoSport is famous for. Finally every single hose we produce is then 100% inspected before it leaves the factory. This attention to detail ensures that 'Samcos' are the finest silicone hose available.

#### THE LAST Hose you'll ever need to fit

Samco hoses are the most reliable upgrade you can make to your engine - don't just take our word for it - 90% of the Formula One teams race with Samco hoses. We are also so confident of our hoses' quality that we are the only silicone hose manufacturer to offer a Lifetime\* "fit and forget" warranty - we guarantee that our hoses will out-live your car!

#### Why Choose SamcoSport?...



- The world's largest range of Silicone Hose.
- Only the finest European SAEJ20 Silicones used.
- The world's largest choice of colours - now at 15.
- All hoses are hand crafted & 100% visually inspected in the UK.
- The only silicone hose manufacturer to offer a Lifetime Warranty.

\* See website for Terms & Conditions.

## Why Use SamcoSport?

### World Leaders



Simply for the best quality, reliability & technical back up. SamcoSport is the original performance hose brand and we pioneered the development of the direct replacement aftermarket hose kit. We offer the most comprehensive range of kits and standard parts available in the marketplace today. Our design engineers extensively research each new kit, using only original factory parts to ensure the best fitment & most accurate design. We have developed products that not only look good but also perform under the most severe pressure.



- SamcoSport** - The sign of Quality. More F1 teams trust SamcoSport than any other brand.
- Highest Quality Silicone** - The finest quality European silicones, designed for coolant/turbo use.
- Premium Quality Fabrics** - Only the finest premium fabrics used, designed for automotive use.
- Specialist Linings** - Sam®Tek blue linings for standard use, plus fluorosilicone for oil/fuel.
- Only Hand Crafted** - Made by our highly skilled craftsmen & 100% visually inspected.
- Precision Engineered Inserts** - Precision machined alloy, bonded using our unique process.
- Complex Constructions** - Complex bespoke shapes and composite silicone/fabric combinations.
- Multiple Branches** - Multiple shaped or straight branches to improve flow and reduce joints.



## Direct Replacement Hose Kits

### Products



#### Samco Sport Silicone Hose Wipes - New for 2011!

Impregnated lint-free Silicone Hose Wipes are perfect for preventing & removing the build up of everyday traffic film & engine deposits. Regular use encourages the natural shine of the silicone and helps maintain the high quality factory finish & lustre.



#### Samco ProFuel™

The world's first performance silicone hose for permanent fuel use. Suitable for the transport of Petroleum/Gasoline & Diesel Fuels. It can be used for fuel lines, delivery, fillers and breathers. Available on most race parts. 2 Year Limited Warranty. Supplied with ProFuel™ green lining.



#### Samco Classic (Premium Colour Option)

For the Classic Car or to maintain the original look, SamcoSport now offer a range of Direct Replacement Hose Kits with a matt-black finish & a subtle imprinted SamcoSport logo, enabling you to keep the original look to your bay, whilst using high performance temperature that won't perish. With a 100% leak-proof guarantee and an operating temperature of up to 180°C/356°F (250°C/482°F for Xtreme), the Samco-Classic range of silicone hoses is a must for any serious Classic tuner.



#### Car/Truck Kits

Over 500 kits are available for vehicles for almost 40 manufacturers. SamcoSport has the largest range of kits available worldwide. New kits are constantly being developed.



#### Motorbike Kits

Over 260 kits are available for the most popular street & offroad bikes as well as some of the more unusual ones. SamcoSport hoses often eliminate unsightly joins and clamps on existing hoses. Our Motorcycle hoses are race proven in both Superbike & Motorcross by many top teams including BMW World Superbike Team.



#### Hose Clip Kits

SamcoSport offers a full range of clip kits to compliment the range of hose kits. Each clip kit contains the correct clips to fit the hoses. Clips are made of Marine Grade 18/8 Stainless Steel with rounded edges & polished surfaces to prevent damage to hoses. Also available in bags of x10 and x50 of the same size clip.

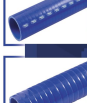
## Universal Race Parts & Accessories

### Products



#### Straight Hoses (SHL/FSHL/PSHL)

A full range of polyester reinforced hoses are available in 1m lengths (3'3"). SHL - Standard Coolant up to 180°C (356°F). FSHL - Fluorosilicone, oil resistant. PSHL - ProFuel, fuel resistant. (Longer lengths available on request).



#### SuperFlex & XtraFlex Lengths (SFL/XFL)

SamcoSports Superflex and Xtraflex hoses have been designed for maximum flexibility and versatility. Superflex is the original performance flexible hose with an embedded wire and convoluted outer. Xtraflex offers even more flexibility and has the added benefit of a smooth outer surface.



#### Elbows & Elbow Reducers

(E90/E45/E135/E180/RE90/RE45/FE90/PE90)

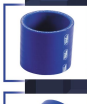
Large range of elbows & elbow reducers for up to 180°C (356°F), reinforced with polyester fabric. E90/E45/E135 - 90°, 45°, 135° Elbows. E180 - 180° 'U' Bends. RE90/RE45 - 90° & 45° reducing elbows. FE90 - Fluorosilicone oil resistant. PE90 - ProFuel fuel resistant.



#### Elbow Angles (E120/E60)

New range of elbows available for up to 180°C (356°F), reinforced with polyester fabric. E60 & E120 - 60° & 120° Elbows. FE60 - Fluorosilicone oil resistant. PE60 - ProFuel fuel resistant.

NEW!



#### Couplers / Reducers (SCH/SHH/SR/STP)

Polyester reinforced couplers & reducers, which can be used up to 180°C (356°F) and joins between pipes. SCH - Straight Couplers, 76mm (3") long. SHH - Straight Hump Hose, 76mm (3") long. SR - Straight Reducer, length dependant on bore size. STP - Straight T-Piece, 102mm (4") long with 25mm (1") spout.



#### Xtreme & Fluoro Race Parts

Samco have developed an ingenious tape made from self-amalgamating silicone. As you stretch the tape, it triggers a curing system, which causes the silicone to actually 'cross-bond' to itself forming a permanent, 100% leak-proof joint. Available in Blue, Black, Red & Yellow. Dims: 30mm wide x 0.5mm thick. Roll length: 5m.



## Accessories

### Products



#### Hose Adaptors & Hose Joiners (HA/AJ/CFJ/AJB)

A new range of Billet Alloy Hose Adaptors used to fit a water temperature gauge sender into a radiator hose. A range of Billet Alloy, Alloy & Carbon Fibre joiners are also available and can be used with our Stainless Steel hose clips & race parts to form custom shapes without the need for new tooling.



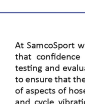
#### Samco 'Stretch & Seal' Tape (SST30)

Samco have developed an ingenious tape made from self-amalgamating silicone. As you stretch the tape, it triggers a curing system, which causes the silicone to actually 'cross-bond' to itself forming a permanent, 100% leak-proof joint. Available in Blue, Black, Red & Yellow. Dims: 30mm wide x 0.5mm thick. Roll length: 5m.



#### Vacuum Tubing & Samflex Ducting (VT/SFD)

SamcoSport vacuum tubing (VT) can be used for vacuum lines, washer tubing, coolant overflow etc. & matches the majority of our hose colours with the exception of Blaze, Camo & Classic Black. Samflex Ducting (SFD) is available in 2m (6.5') or 4m (13') lengths. Made from silicone reinforced with glass, and a wire helix.

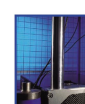


#### Custom Designed Hose

SamcoSport offers a full design service for custom parts. Tooling can be developed for complex, bespoke shapes and we offer rapid turn around of prototype parts. We have a full CAD system and a test lab specifically for the design and testing of silicone hose.

#### Testimonials

##### Race Proven



"In the heat and pressure of Touring Car Racing, you have to use and rely on the best. Samco meet and exceed these demands".

PAUL BAKER - Chief Designer - Tem Aon Ford



"We have found Samco's quality, engineering & service to be first class. For us, SamcoSport has become the number one choice when it comes to performance silicone hose."

ANDREAS EDERER - BMW Motorrad Motorsport - World Superbike Team

## Research & Development

### Quality Assurance

At SamcoSport we pride ourselves on the performance of our hoses and that confidence is derived from our fully equipped laboratory where testing and evaluation is carried out. All new designs of hoses are tested to ensure that they meet our high standards. We are able to test a number of aspects of hose performance including endurance testing, burst testing and cycle vibration testing. This testing, together with feedback from customers and our ongoing development programme, enables us to provide unrivalled quality in the performance hose market.



#### Product Colours

All Samcosport products are available in any of the 15 colour options (excluding SamcoXtreme - Available only in Blue, Red, Black & Samco Classic). Samco Distributors typically stock Blue, Red & black with other colours made to order.



Please Note: A small premium will be added to all orders for the below colours.

15% Premium

35% Premium

## F.A.Q

#### 1. Why buy Silicone Hoses?

Silicone hoses not only lasts better, they have a far longer life than standard organic hoses and can work at much higher temperatures and pressures, essential if you're upgrading your engine or if you just want to add that finishing touch to your motor.

#### 2. Why buy SamcoSport?

Simply because you know you are buying the best. SamcoSport hoses are hand made and 100% visually inspected in the UK and only the finest quality silicone and reinforcing fabrics are used, which are specifically designed for automotive use. Beware of foreign copies using more general purpose silicone & fabrics... just because its blue doesn't mean its any good! All our hoses are manufactured to SAE J20 standards, with a quality system approved to BSEN ISO 9000:2008.

#### 3. Do SamcoSport make hoses for anyone else?

No, all our hoses are manufactured and branded with the SamcoSport logo. If it doesn't say SamcoSport on the hose then you're not buying SamcoSport.

#### 4. What testing do you do before SamcoSport hoses are approved for sale?

We have a comprehensive testing laboratory, which tests the hose designs on a regular basis to ensure that the materials used are always up to the job. Our specialist product engineers also ensure that any new kits are rigorously checked to ensure the optimum fit for the vehicle concerned.

#### 5. You don't list a SamcoSport kit for my car, how can I get one made?

Unfortunately, each hose kit requires dedicated tooling. We are constantly increasing the size of our range and any suggestions are always welcome. Otherwise we have the most comprehensive range of standard parts available, which can be joined together using our

## Dealer Stamp

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All goods are fitted at the owner's risk and SamcoSport will not be liable for any losses either direct, indirect or consequential resulting from fitting a SamcoSport product. Care should be taken before fitting any SamcoSport product to ensure that all engine components are cool to touch. SamcoSport recommends that all goods are fitted by a qualified installer.

