



Safety Warnings & Fitting Advice for silicone hoses and clamps



Safety Warnings

Samco advise that hoses and clamps are fitted only by a qualified professional mechanic or shop.

Samco® hoses are intended for replacing OEM/stock radiator or turbocharger hoses. Samco hoses are never suitable for replacing brake, pressure oil or power-steering lines. Standard Samco hoses are not suitable for fuel or oil use unless the item is specifically described as being suitable for such on the packaging.

Before installing, inspecting or cleaning this product please ensure the following safety precautions are taken:

1. Ensure vehicle/bike is suitably parked and wheel chucked (rear wheel stand should be used for bikes). Refer to owner's manual and follow all safety advice before beginning work on the vehicle/bike.



SERIOUS INJURY can result from unexpected vehicle/bike movement.

2. Ensure engine is switched off, and battery is disconnected (refer to owner's manual) to prevent any fans, pre-heaters or other mechanisms activating.



SERIOUS INJURY can result from unexpected movement of engine parts

3. Allow engine, coolant system and all pipe work to fully cool before commencing removal/installation of hoses.



SERIOUS INJURY can result from hot engine parts or hot coolant fluid.

(Please note, coolant fluid can retain heat for several hours after engine has been switched off. Samco advise waiting at least 8 hours after stopping engine to allow system to cool.)



Fitting Advice

Congratulations in choosing products from Samco®Sport – The World Leader in Performance Silicone Hose.

To ensure you get the very best lifelong performance from your product, please follow the fitting advice below.



Samco advise that hoses and clamps are fitted only by a qualified professional mechanic or shop.



Before commencing installation, ensure all safety warnings listed in the owner's manual and those on page 1 of this leaflet have been heeded.

1. **Ensure engine & coolant is fully cooled**, remove OEM/stock hoses one at a time and replace with the equivalent shaped Samco hose as you go.
2. Care must be taken to drain and dispose of the old coolant fluids. Please ensure local environmental laws are observed when disposing of any fluids and old hoses.
3. Ensure the Samco hoses are fully engaged onto pipework. The clamp must be positioned at least 1/8" (3mm) down from the open end of the pipe-work, and behind any bead or lip on the pipe-work. Ensure the clamp is fully seated on the hose with at least 1/8" (3mm) of hose protruding past the clamp.



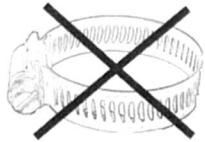
If any hose fitted is too short (i.e. does not offer sufficient hose length beyond the pipe bead and under the clamp) DO NOT USE - please return to your dealer immediately – if a hose does not have sufficient clamped length at each end, it may 'blow off' or leak, during pressurised use.
Serious injury may result from escaping coolant.



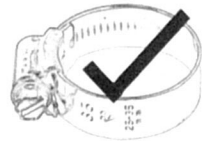
If any hose appears too long, DO NOT ATTEMPT TO FIT by kinking or folding the hose, please return to your dealer immediately.
Serious engine damage may result if coolant flow is restricted due to kinking or folding hoses.

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4. Ensure care is taken not to damage the lining of the hose when installing the hose over the pipe ends. Do not lubricate hoses in order to fit onto pipework. If fitment is tight, use only plain cool water to help facilitate fitment.
5. Samco does not recommend re-using old clamps, instead the corresponding Samco Clamp Kit should be used. Please contact your dealer for details.



Clamps with perforated bands and/or sharp edges **MUST NOT** be used.



Genuine Samco Clamps with solid bands, and smooth-rolled edges are recommended.

⚠ Re-used or non-Samco clamps may invalidate Samco's warranty.

6. Samco Clamps should be tightened to 7Nm (5ft/lb) torque setting, and tested again to this torque setting 30 minutes after installation to allow for any stress-relaxation in the silicone.

⚠ Avoid over-tightening which may cut the hose and damage pipe work

7. Ensure that the hoses do not rub or chaff against any part of the vehicle/bike. Rubbing or chaffing of the hose could cause a leak of hot coolant fluid.

⚠ Serious injury may result from escaping coolant.

8. When re-filling with coolant, ensure that the vehicle/bike manufacturer's instructions for re-filling coolant are followed. Samco recommend that only Ethylene Glycol based coolants are used.

⚠ Please note, other coolants and additives may invalidate the warranty.

9. Inspect for any sign of leaks in a safe & controlled idling situation before the vehicle/bike is driven/ridden. If leaks are found around hose ends, observe **all safety precautions from page 1**, and check hose fitment and clamp torque. Do not use vehicle/bike if leaks persist – contact your dealer.
10. Periodically clean hoses using 'SamcoSport/Autoglym Silicone Hose Wipes'. Do not use any harsh cleaners, polishes or any petroleum derived product – **ensure safety precautions 1-3 on page 1 are observed when cleaning hoses.**



Disclaimer

Samco (Silflex Ltd) hoses, clamps and accessory products are intended for racing use only, for vehicles/bikes which are in the original manufacturer's form, without modification.

Samco (Silflex Ltd) do not make any guaranteed warranty of merchantability, performance or fitness for a particular function or application.

Samco (Silflex Ltd) do not accept any responsibility for any indirect, consequential or incidental loss or damage resulting from any use, misuse or failure of the products.

Samco[®] is a registered trademark of Silflex Ltd (UK)

Details of Samco's Limited Lifetime Warranty can be found at www.samcosport.com



The World Leader In Performance Silicone Hose

SamcoSport (Silflex Ltd), Coed Cae Lane, Pontyclun, CF729HJ, UK

TEL: +44 (0)1443 238464

FAX +44 (0)1443 237 781

EMAIL: sales@samcosport.com

www.samcosport.com