

Xtreme LP diving hoses for regulators, jackets and dry-suits

WARNING!: Read, understand and follow all warnings and instructions provided with your hoses. Failure to do so could result in an accident, loss of air, personal injury or death.

These instructions are an integral part of your Miflex hose. Keep them in a safe place for future reference. If you sell or give away your hoses, please give these instructions to the new owner. Hoses which have been replaced should never be used again. They should immediately be cut into several pieces and discarded.

Always consult the user manual(s) that accompanied any device to which your hose will be connected.

If your hose shows any sign of damage or wear, no matter how slight, immediately replace the hose. A damaged or worn hose can fail suddenly and without warning, resulting in a loss of air. Always carry spare hoses with you.

Never dive unless you have successfully completed a training course from a recognized scuba diving certification agency.

Never expose your hose to any heat source.

Never allow your hose to be crushed.

Never allow sand, water or any other foreign object to enter your hose.

Never use aggressive cleaning agents on your hose. Use only mild soap and warm water

The hose is designed to use air or nitrogen/oxygen mixtures containing up to 40% oxygen. Use of gas mixtures with increased oxygen or the addition of other substances may cause corrosion, deterioration, premature aging or failure of the hose.

Always select the hose of the correct strength, construction and size for your particular use. If you ever have any questions, doubt or concern about the installation, use or performance of your Miflex hose, please stop using it immediately and contact Miflex at www.miflex.com, your local dive store and/or service centre.

It is advisable to replace the hose after 5 years or 500 dives.

Fitting your hoses

Fitting hoses requires specialized knowledge, tools and experience. General mechanical aptitude or every day tools may not be sufficient to properly fit your hose, and could damage your equipment and fittings. Hoses should only be changed and fitted by a properly trained and qualified technician, who can be found at your local dive store and/or service centre.

Never over-tighten the hoses to the fittings. The maximum tightening torque is 5Nm.

Inspection and Use of Miflex Xtreme LP diving hoses

Miflex Xtreme LP diving hoses are high performance hoses, which are lighter and more flexible than traditional diving hoses. Just like carbon fibre has advantages over steel, carbon fibre performs differently and must be cared for and used differently than steel. Likewise, careful use and inspection is critical to the safe use of your Miflex Xtreme LP diving hose.

While in storage, or during transport of your hoses to or from storage, your hoses could become damaged in a number of ways. Never use your hose as a carrying or hanging handle for the tank. Before every dive, carefully inspect your hoses for damage, wear and tear. Pay particular attention to the area near the fittings. If your hoses show any sign of wear, no matter how slight, immediately replace the hose.

During a dive, and unknown to you, your hoses could be caught on sharp rocks, twisted or subjected to other stresses. After every dive, carefully inspect your hoses for damage, wear and tear. Pay particular attention to the area near the fittings.

Never leave your hoses dangling with any regulator installed, especially when they are without pressure. Always secure the hoses to your jacket with hooks or straps, but leave sufficient freedom for movement. These hooks or straps should be fixed directly to the regulator, or close to the hose fittings.

Never secure your hose in a manner which could constantly flex or bend in the same location (i.e. create a "hinge effect"). Continuous bending at the same pivot point will shorten the life of your hose.

Never over-flex your hose. Never fold the hose back onto itself. If your hose is too long, you may loop it and secure it in place with a section of rubber tubing (such as the inner tube of a bicycle tire). However, the minimum bending radius must be at least 3.5 times the outer diameter of the hose. For example, if the outer diameter of your hose is 12mm, then the minimum bending radius (as measured to the inside of the hose) is 42 mm.

Never allow the weight of your air tank to impact or rest on any part of your hose.

To prevent personal injury and damage, install the low pressure hose ONLY into a low pressure outlet of the first stage regulator

Inspection Tips

If there is scuffing on the outer layer of the hose, especially when used in cave diving type situations, where the hose could rub against sharp or uneven surfaces, replace the hose.

If there are more than six loose threads in the same area on the outer layer of the hose, replace your hose.

If there is any damage or excessive scale build-up on the hose fittings, replace your hose.

Never cut your Miflex hose and reconnect any type of fitting to the hose. The hose will suddenly and unexpectedly fail at the fitting.

Miflex hoses are manufactured to the highest standard in excess of the EN250 requirements.

The Miflex brand is laser printed on all hoses to ensure recognition of the Quality of our products.

Miflex hoses are quality guaranteed and each hose is 100% tested.

The material of the inner hose is Polyether based Polyurethane, all materials are RoHS approved with no hazardous substances used in our manufacturing process.

Guaranteed with our commitment to maintaining exceptional quality.