

The Care and Maintenance of Angus Super Aquaduct

Super Aquaduct is a highly durable hose, designed for minimal maintenance. It withstands the effects of a wide range of chemicals and its robust construction makes it resilient to damage from abrasion and impact. Although no regular maintenance is required, we recommend the following precautions in order to maximise the life of the hose.

For larger sizes of Super Aquaduct, 203mm (8") to 305mm (12"), there are more specific guidelines. Please also read 'Guidelines for the use of Angus Super Aquaduct Large Bore Hoses'.

Laying Out and Retrieval



Ensure hoses are laid out in as straight a line as possible without twists or kinks.

During Use



If the hose becomes kinked either when charged or empty, avoid dragging along the point of distortion.

Avoid dragging the hose over sharp objects or high abrasive surfaces.

Use hose ramps to avoid vehicles running over the hose. If completely unavoidable, check there are no sharp objects lying beneath the hose and drive slowly, one wheel at a time to minimise fluid hammer.

If the hose is subjected to pump vibration, protect any points of contact with bandages.

Increase pressure gradually to prevent fluid hammer.

Avoid bringing into contact with very hot objects.

During transportation ensure hoses are protected from chaffing.

After Use and During Storage



Cleaning Exteriors

Although Super Aquaduct is a minimal-maintenance hose, it may become necessary from time to time to clean the exterior of the hose for cosmetic or hygienic reasons.



Wash with warm water and detergent. Do not use solvents or abrasive cleaning materials.

Cleaning Interiors



Flush with water or non-abrasive pig.

Follow chlorination guidelines for sterilization.

Storage



Roll hoses into a coil rather than flakes. For longer lengths, use a suitable automated coiler.

Store in a cool, dry and well ventilated area, preferably below 30°C, away from direct or reflected sunlight and any potential sources of damage. If storing outside for extended periods, protect from sunlight with opaque loose fitting covers, allowing air to circulate.

Regular Inspection



Visually check for abrasion or any obvious damage to the exterior of the hose.

Check the couplings for security of attachment, wear or damage (including binding wire or banding) and take remedial action.

Periodically pressure test to the maximum working pressure of the hose assembly and check for any signs of leaks or damage along the hose or at the point of coupling attachment.



SERVICE LIFE MUST BE GAUGED BY THE USER BEARING IN MIND SPECIFIC APPLICATIONS AND SAFETY REGULATIONS WHICH EXIST WHERE THE HOSE IS IN USE.

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