

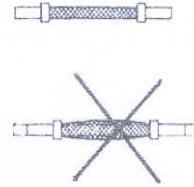


Sitcoflex handling & installation guide

corrugated metal hoses

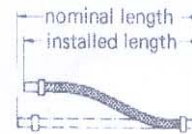
b) correct selection

No movement must be expected of the hose, or excessive bending allowed to occur within approximately 50mm of the end fittings. If necessary, a stripwound hose or spiral wire guard can be fitted externally at the ends to support the hose ends.



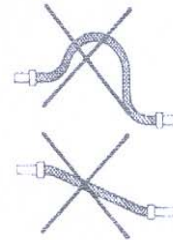
Install the hose free from stress. Axial compression is not permitted as this results in the braiding lifting off from the hose. The pressure capability is then no longer guaranteed.

Install the hose with the correct length and with sufficiently long neutral (non working) hose ends. Excessive bending or stretching is not permitted.

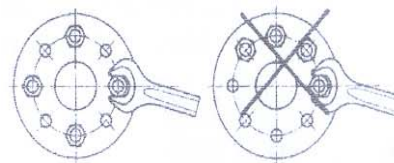


c) stress-free installation

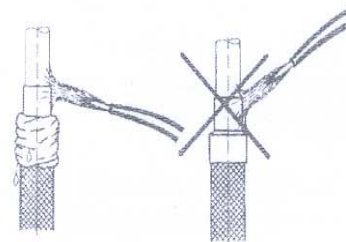
Tighten hose firmly at one end. Only attach hose loosely at the other end. Move the hose 2 or 3 times in the desired direction of movement to allow it to relax and find its position without twisting, only then tighten the other end. In the case of swivel fittings it is essential to use two spanners, one to stop the fitting from turning and the other one to tighten it. It is preferable that hoses are fitted with a swivel (rotating) connection at one end for stress free installation (without twisting the hose itself) before securing the second end



Tighten mating flanges evenly (crosswise). Bolt holes must be exactly aligned. Use floating (lose) flanges at one side if possible.



Connect hose free from torsion (twist). In the case of swivel threaded connections, use a second spanner as a lock spanner.



In the case of soldered or brazed connections, protect the hose end to be soldered or brazed by means of wet high temperature cloth or with insulating paste to prevent overheating or melting of existing soldered or brazed joints. Direct the torch away from the hose and carefully remove flux residues after brazing.