

## HANDLING AND STORAGE

### HANDLING

Iplex Rhino® PVC-M pipes are delivered in timber packs designed to hold the pipes in position and protect them from point loading and ovalisation.

While Rhino® PVC-M pipes are light and easy to handle, careless handling can cause unnecessary damage to the pipe. Pipes and fittings must not be dropped or thrown onto hard surfaces or allowed to come into contact with hard sharp objects that could inflict scratches. PVC-M pipe should not be allowed to slide across sharp edges.

If mechanical handling equipment such as forklifts or cranes is used on bundles, adequate spreader and lifting bars should be used. Wire slings must not be used to lift pipes. When unloading alongside excavated trenches, it is recommended that pipes should be placed on the opposite side of the trench from excavated material.

### STORAGE

Rhino® PVC-M pipes should be left in their packed units wherever possible until they are required to be installed.

During construction, storage areas should be selected which are free from surface irregularities such as stones, branches or other short projections.

PVC-M pipes are subject to distortion under high loads, particularly at elevated temperatures, and also to bowing due to uneven heating. Pipes should therefore be protected from direct sunlight or other heat sources, if stored for extended periods.

If Rhino® PVC-M pipes are stored outdoors for more than 12 months, protection from sunlight is required using a breathable material (i.e. hessian or white shade cloth) to prevent heat buildup and allowing ventilation. Black plastic covers must not be used owing to the high temperatures developed when stored in the sun.

Socketed pipes should be stacked in alternate layers of sockets facing in opposition direction to prevent load bearing. Jointing fluid, solvent cement and priming fluid should be stored under cover until pipe-laying commences.



*The information contained in this document should serve as a guide only and is subject to change without notice. For more information please contact Iplex Pipelines Australia Pty Ltd.*

