

STORAGE AND HANDLING OF PVC PIPES

These instructions are relevant for Plassim Meriam, Meribiv and Merifon PVC pipes.

1. Transport

Pipes should be secured and restrained during transport to ensure that no movement occurs.

- Truck and trailer beds must be free from any sharp objects or stones that could damage the pipes
- Ensure that there are no excessive loads on pipe sockets
- Larger diameter pipes should be placed at the bottom of the load
- Pipes with higher pressure ratings or higher ring stiffness should be placed at the bottom of the load
- Check that each individual bundle, package and pallet is securely tied.

2. Handling

Care must be taken when loading, unloading and handling the pipes.

- Pipes must not be allowed to fall from trucks or dropped, dragged or rolled on the ground
- Pipes should be lifted with suitable straps or ropes – do not use chains.
- It may be necessary to protect forks on fork-lift trucks to prevent damage
- Nested pipes should be removed before storage

3. On-site Storage

- Pipes should be stored on firm level ground without sharp objects
- Pipes should be stored on wooden batons approximately 2 meters apart
- Preferably, pipes in different diameters and ratings should be stored separately however if this is not possible store pipes with larger diameters and higher ratings at the bottom of the stack
- Maximum stack height – 2 meters
- Stacks should be wedged to prevent movement
- Ensure that there are no excessive loads on pipe sockets
- Pipes and seals should not be stored in the proximity of corrosive or dangerous materials, paints, oils, solvents, gasoline or other fuels.
- Pipes and seals should not be stored in the proximity of a heat source
- Pipes should not be stored under direct sunlight for more than two months. If longer periods are anticipated a protective net (80% shade), tarpaulin or plastic sheet may be used to cover the pipes. Ensure free movement of air between the cover and the pipes
- Seals must be stored away from direct sunlight in temperatures that do not exceed 40°C
- Maximum shelf life of seals is 3 years.

4. Further information

Further information may be obtained by referring to the Israeli Standards 884 part 2 and 532 part 2 regarding installation and handling of PVC pipes.