



 **CPV-HILINE**

Pre-insulated Pipe Systems

For further information please visit www.cpv.co.uk

The service life of a pre-insulated pipe system not only depends on the quality of product but also on the quality of the installation. Handled correctly and installed in accordance with CPV's installation procedures and design recommendations, then, HILINE pre-insulated pipes systems will give many years of trouble-free service with optimum performance and reliability

The responsibility is with you, the installer, to ensure the system is installed in accordance with the following instructions to the satisfaction of yourselves and that of your client

HILINE Pre-insulated Pipe Systems are manufactured in accordance with, or generally in accordance with, EN 253, EN448 and EN489. CPV Ltd is a BS EN ISO 9001:2001 accredited manufacturing company

CPV Ltd reserves the right to make alterations to the contents of this manual where necessary

RECEIPT OF MATERIALS ON SITE

Unless otherwise agreed or advised all materials, as ordered, will be shipped as a single consignment. Where part or phased deliveries are necessary, or agreed, then CPV will advise you accordingly of delivery schedules and material inventory

IT IS MOST IMPORTANT that the recipient checks all deliveries immediately they arrive on site against the accompanying delivery notes. CPV must be notified of any damages, shortages or discrepancies within 48 hours of the delivery being made, beyond which CPV disclaims all responsibility

Never sign a delivery note as unchecked

Packing is non refundable although may be returned (at customer's cost) to CPV Ltd for disposal

The following information is for guidance only. Contractors must ensure that all relevant and pertaining regulations and legislation are adhered to

HANDLING

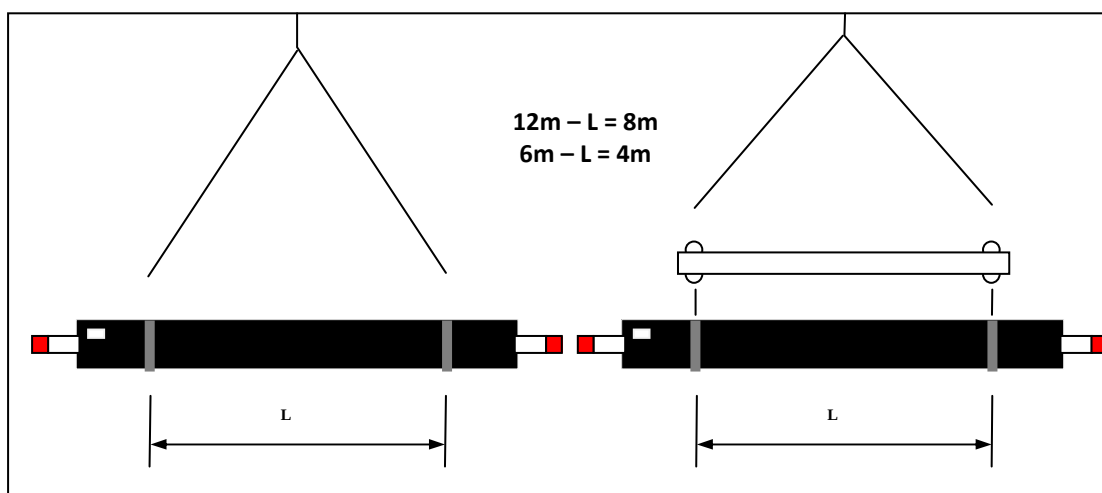
Pipes and fittings may have been loaded either separately or crated/palletised for transportation. Service pipe ends are factory closed with 'push-on' plastic caps

Casing closure joints, foam components, end caps, flanges and auxiliary materials are typically packed in NON weatherproof packaging

When off-loading pipes by crane two wide canvas slings (min 100mm wide) must be employed, (the use of a spreader beam is recommended)

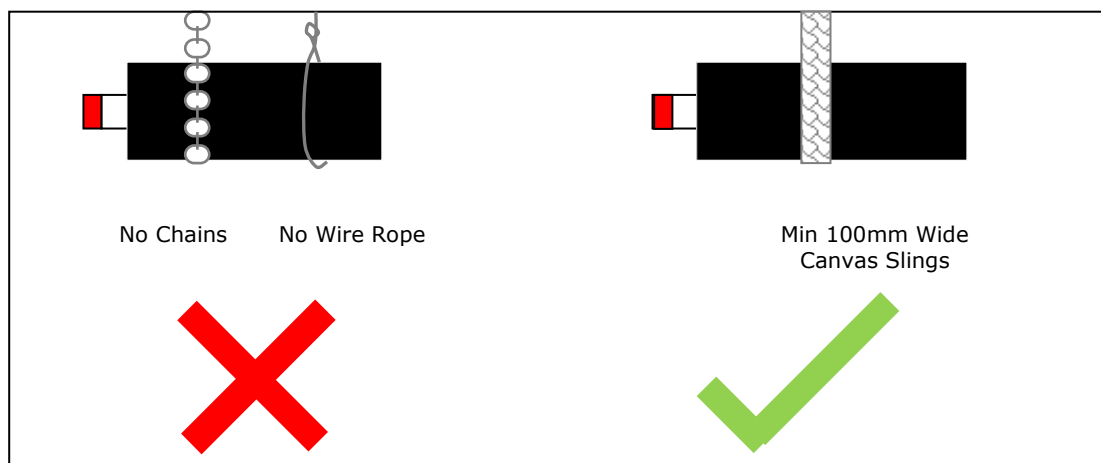
Under no circumstances must chains or wire ropes come in contact with the casing pipe during offloading which is likely to cause damage to the pipe's outer casing

When using double straps beware of straps sliding and unbalancing the load



Caution – when using double straps beware of straps sliding and unbalancing the lift

Recommended – Use spreader beam

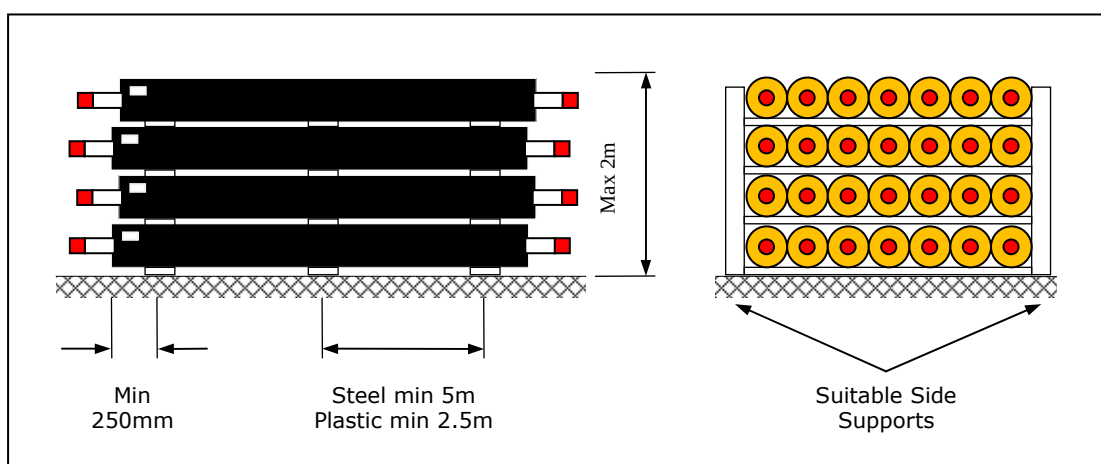


STORAGE

Pipes should be stacked on timber or sand bearers (min 200mm wide) on level ground and never on soft ground that will allow sinking to occur. Any protective plastic caps that have worked loose during off-loading should be replaced to prevent the ingress of water or foreign bodies

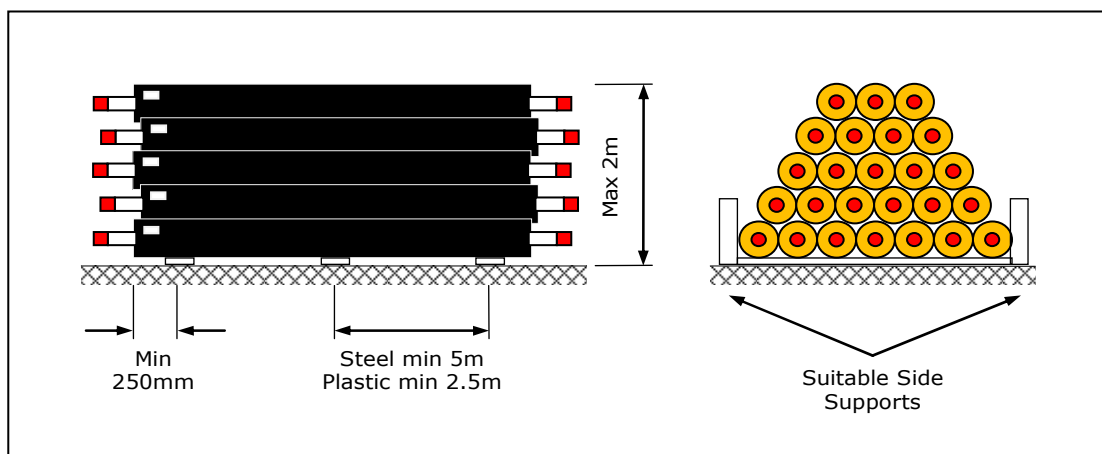
Pipes have to be stacked properly and uniformly supported if damage or deformation of the outer casing is to be avoided

To prevent damage to the outer casing, stack with wooden battens or planks, at least 200mm wide at every 5m for steel and 2.5m for plastic per tier. Restrict the height of the stack to 2m

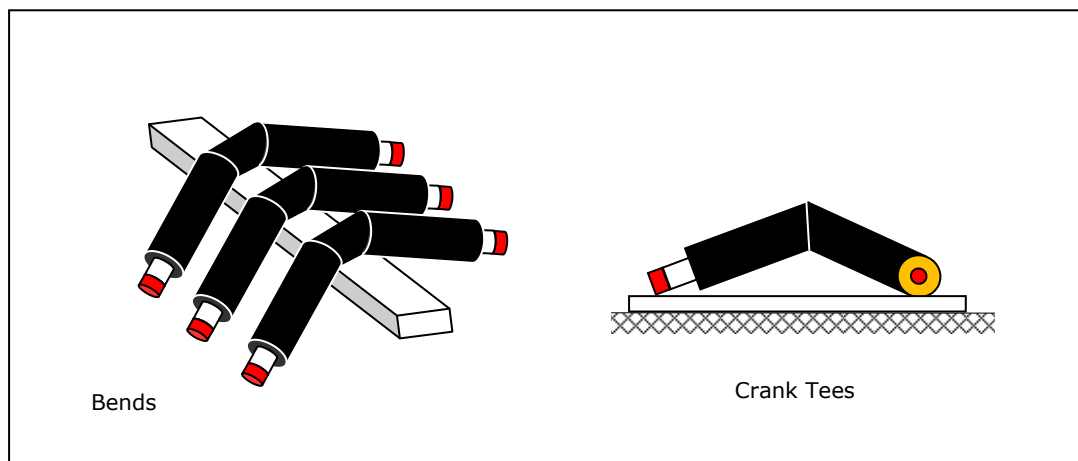


Pipes can be stacked one on another if battens are scarce but support against sideways movement of the stack must always be secure

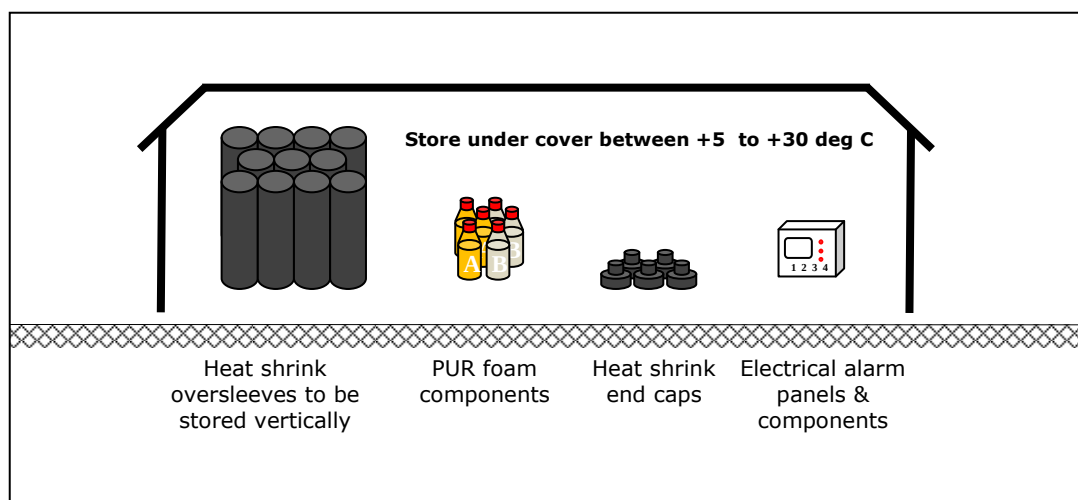
It is convenient to stack the pipes with the labels at one end to facilitate the alarm wire installation (if fitted) and each tier must be chocked. (See drawing below)



It is very important to prevent water ingress in pipework especially when fitted with alarm wires. Fittings should be stored in such a way that the exposed ends of the insulation point downwards. Both pipes and fittings should be kept from coming in contact with the ground to protect the insulation from pools of rain water which may collect in the storage area. Additional protection can be achieved by using suitable waterproof sheeting (See drawing below)



We recommend that PUR foam liquids and closure sealing materials and alarm system components are stored under cover in a clean dry place at even temperature (min +5°C, max +30°C). Heat shrink casing oversleeves should be stored vertically to prevent distortion. PUR foam components must also be stored upright to prevent leakage





Engineering Pipework Solutions

CPV Ltd
Woodington Mill, East Wellow
Romsey, Hampshire, SO51 6DQ, UK
Tel: +44 (0)1794 322884
Web: www.cpv.co.uk