



SAINT-GOBAIN PAM LAYING RECOMMENDATIONS

- STORAGE
- HANDLING
- BACKFILL

- STANDARD JOINT
- STANDARD Vi JOINT
- STANDARD Ve JOINT

- UNIVERSAL Vi JOINT
- STANDARD V+i JOINT
- UNIVERSAL Ve JOINT DN 100 to 1200 MM

- EXPRESS JOINT
- EXPRESS Vi JOINT

- PIPE CUTTING
- WELD BEAD

- ANCHOR BLOCKS
- ANCHORING

- EXTERNAL COATING REPAIRS
- INTERNAL LINING REPAIRS

- PE SLEEVE INSTALLATION
- HYDRAULIC TESTING

- ASSEMBLY EQUIPMENT

- HORIZONTAL DIRECTIONAL DRILLING

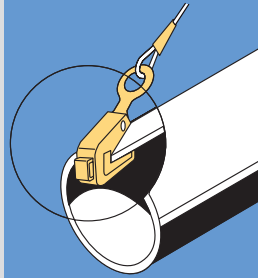
- CONTACTS

SEP-MEM-15A VERSION 2007 - 4000 EX

PAM

LAYING RECOMMENDATIONS

Handling




SAINT-GOBAIN
PAM

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These recommendations are based upon our knowledge of the products and their use. It is the contractor's responsibility to ensure that installation is carried out according to the best rules of practice.


SAINT-GOBAIN
CANALISATION

BASIC RULES

- Use appropriately powered lifting equipment.
- Handle gently without swinging.
- Avoid impacting or scraping pipes against truck sides or stanchions.
- Avoid dragging pipes along the ground or dropping them, even if they are protected with tyres or sand between them.



Think of your own safety! When handling pipes, never stand under the load.

WEIGHTS AND DIMENSIONS OF BUNDLES

| DN | No. of layers x No. of pipes | L m | I m | H m | Mass of bundle (kg) |
|-----|------------------------------------|--------|--------|--------|------------------------|
| 60 | 4 x 6 | 6,3 | 0,54 | 0,49 | 1411 |
| 80 | 3 x 5 | 6,3 | 0,57 | 0,42 | 1148 |
| 100 | 3 x 5 | 6,3 | 0,67 | 0,50 | 1398 |
| 125 | 3 x 4 | 6,3 | 0,65 | 0,58 | 1380 |
| 150 | 3 x 3 | 6,3 | 0,59 | 0,66 | 1272 |
| 200 | 2 x 3 | 6,3 | 0,75 | 0,56 | 1190 |
| 250 | 2 x 2 | 6,3 | 0,63 | 0,67 | 1044 |
| 300 | 2 x 2 | 6,3 | 0,74 | 0,77 | 1319 |

UNIT WEIGHTS OF NATURAL AND STANDARD K9 PIPES

| DN | M kg | DN | M kg | DN | M kg | DN | M kg |
|-----|------|-----|------|------|--------|------|---------|
| 60 | 60,1 | 250 | 267 | 600 | 895 | 1200 | 4112,5 |
| 80 | 78,2 | 300 | 337 | 700 | 1520,3 | 1400 | 5543 |
| 100 | 95,4 | 350 | 407 | 800 | 1863,2 | 1500 | 6235,9 |
| 125 | 118 | 400 | 476 | 900 | 2230,1 | 1600 | 6941,9 |
| 150 | 145 | 450 | 562 | 1000 | 2635,1 | 1800 | 8430,2 |
| 200 | 203 | 500 | 659 | 1100 | 3576,8 | 2000 | 10093,7 |

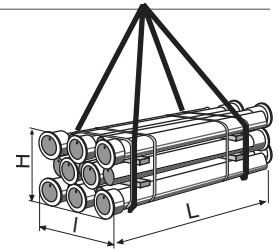
NATURAL C40

NATURAL C30

STANDARD K9

DN 60 to 300: BUNDLE LIFTING

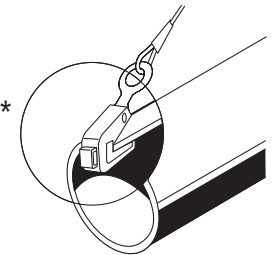
- Use textile slings.
- **Pass** the sling under the bundle.



Warning! Never lift a bundle with hooks or suction pads. The strap is not designed to withstand the bundle load.

DN 350 to 2000 : LIFTING BY THE ENDS

- Use hooks that provide a firm hold and **with a protective coating*** (polyamide type).



* hook available on request from SAINT-GOBAIN PAM.

DN 350 to 2000: LIFTING BY BARREL

- Use a wide, flat textile sling.
- Attach the sling to the pipe's **centre of gravity** and make sure it will not slip.

