



## SAINT-GOBAIN PAM LAYING RECOMMENDATIONS

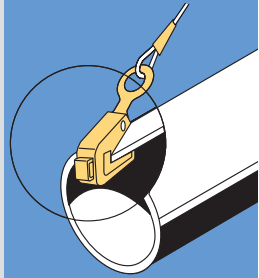
- STORAGE
- HANDLING
- BACKFILL
  
- STANDARD JOINT
- STANDARD Vi JOINT
- STANDARD Ve JOINT
  
- UNIVERSAL Vi JOINT
- STANDARD V+i JOINT
- UNIVERSAL Ve JOINT DN 100 to 1200 MM
  
- EXPRESS JOINT
- EXPRESS Vi JOINT
  
- PIPE CUTTING
- WELD BEAD
  
- ANCHOR BLOCKS
- ANCHORING
  
- EXTERNAL COATING REPAIRS
- 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

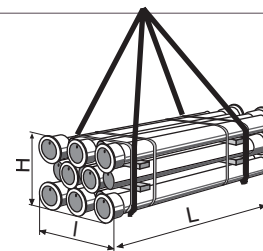
NATURAL C40

NATURAL C30

STANDARD K9

## DN 60 to 300: BUNDLE LIFTING

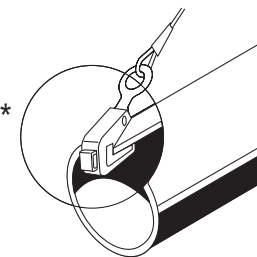
- Use textile slings.
- **Pass** the sling under the bundle.



**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.

