



Sweden

**SKOGSINDUSTRIERNAS
TEKNIK AB**

Pulp and Paper Industries' Engineering Co

SSG 1801 E

 Date
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 Edition
4

 Designation
TKRR

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1(1)

Piping of chemical-resistant, glassfibre-reinforced, unsaturated ester plastic for process pipes. GAP pipes

Introduction

This edition differs from Edition 3 mainly through having been adapted to the Swedish Plastic Piping Code and the corresponding Finnish Standards in this sector.

1 Designation

GAP pipe SSG 1801 - Inner diameter (D_i) - Pressure class - Type of plastic - (Handmade/Reinforced)¹⁾

1.1 Example

GAP pipe SSG 1801 - 50 - PN1 - Vinyl ester

¹⁾ If handmade piping with reinforced inner and barrier layers is required this must be specified in the designation.

2 Requirements

2.1 General

2.1.1 Material

According to the Swedish Plastic Piping Code where applicable.

2.1.2 Manufacture

According to the Swedish Plastic Piping Code where applicable.

2.1.3 Marking

Pipes shall be durably marked throughout their entire length with a maximum spacing of 1 m between the markings.

The markings shall embrace:

- Manufacturer's name or trade mark
- Type of plastic
- Pressure class (PN)
- Standard or type approval number
- Dimension (inner diameter x material thickness)
- Manufacturing date (year and month)

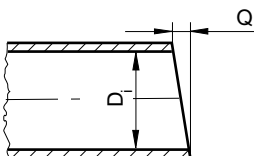
2.1.4 Length

The nominal lengths of pipes shall be 4, 5 and 6 m and multiples thereof.

Length tolerance ± 25 mm measured at a temperature of $(23 \pm 2)^\circ\text{C}$.

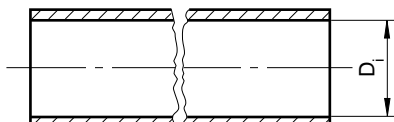
2.1.5 Edge deviation

Permissible edge deviation Q as indicated below.



$D_i(\text{mm})$	$Q_{\text{max}}(\text{mm})$
≤ 250	3
$> 250 \leq 600$	6

2.2 Dimensions



Inner diameter D_i	50	80	100	150	200	250	300	400	500	600
Tolerances	$\pm 1,3$	$\pm 1,4$	$\pm 1,5$	$\pm 1,8$	± 2	$\pm 2,3$	$\pm 2,5$	± 3	$\pm 3,5$	± 4

2.3 Pressure class (PN)

PN 1, PN 6 och PN 10.

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