



**VARZIRAN CO. (P.J.S.)**

## Product Data Sheet

Product Name: GT550

Standard: EN 10300  
Type B / AWWA C 203

### Product Description

GT550 is bitumen-impregnated non-woven glass fiber reinforced fabric which is impregnated with bitumen enamel to ensure optimum protection of the fibers and to facilitate bleed-through of the enamel.

The product is manufactured to an exact degree of porosity which promotes effective adhesive between outerwrap and enamel.

GT550 Outerwrap comprises a uniform fabric of chemically resistant borosilicate glass, reinforced longitudinally with continuous filament glass yarns at 8-10 mm centers.

This type of outerwrap is suitable for most soil conditions.

### Delivery

GT550 outerwrap is supplied in customized widths and lengths. After production the product is placed on pallets and packed in shrink film, thus allowing easy transport of the material.

### Application

Bitumen Enamel is applied to steel pipes, previously primed with Synthetic Primer, at 215-230°C. Also one or two layer of inner-wrap and one layer of outer-wrap are used in this coating system.

### Storage

GT550 is stored upright on a dry surface. The product should not be exposed to direct sunlight and maximum storage height is 2.50 m.

### Standards

GT550 meets and exceeds the requirements for outer-Wraps in EN 10300, type B and AWWA C 203.

### Quality Control

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All raw materials for GT550 is tested and approved in the laboratories of Varziran. The quality of the finished outer-Wrap is controlled in accordance with related standard or customer's specific requirements and a test certificate is provided for each batch produced.

<b>GT550 Outer-Wrap Technical Data</b>			
Properties	Unit	Requirement	Method of test
<b>Mass per area of base glass/carrier</b>	<b>gr /m2</b>	<b>Min 80</b>	<b>EN 10300, Annex M</b>
<b>Type of base glass/carrier</b>	<b>---</b>	<b>Non-woven glass fibre tissue</b>	<b>---</b>
<b>Mass per area</b>	<b>gr /m2</b>	<b>Min 550</b>	<b>EN 10300, Annex M</b>
<b>Thickness</b>	<b>mm</b>	<b>Min 0.76</b>	<b>EN 1849-1<sup>a</sup></b>
<b>Tensile Strength</b>			<b>EN 12311-1 modified as in Annex N of EN 10300</b>
-- Longitudinal	<b>N/50mm</b>	<b>Min 300</b>	
-- Transverse	<b>N/50mm</b>	<b>Min 230</b>	

<sup>a</sup> Modified to give a cross-sectional area of 645 mm<sup>2</sup> and a pressure of 13,8 kPa.

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