

# Wastex Pipe

GEOSYNTHETIC SOLUTIONS \*\*



**Wastex** drainage pipe has an innovative double wall sandwich construction, with a corrugated outer wall and a smooth inner wall. This combines high ring stiffness with excellent flow characteristics. It is available in coils and 6m lengths. Rows of water in-take holes are symmetrically arranged around the apex of the pipe (240°) with a flow channel at the bottom (120°). The high infiltration area combined with thin inner wall structure ensures optimum water intake and reduces potential for biological clogging. The smooth core with an extremely low roughness coefficient results in greater flow rates, allowing the utilisation of smaller diameter pipes.

## SPECIFICATIONS

Physical Properties:		Units	DN 110	DN 160	Test Method
Duct Colour			Black		
Thickness			Standard single longitudinal yellow strip		
Material			HDPE		
Material Density		g/cm <sup>3</sup>	>940		ISO 1183
Material MFI	190°C/2.16kg	g/10min	0.45		ISO 1183
Tensile Strength	Yield	MPa	27		ISO 527
	Ultimate	MPa	36		ISO 527
Min Bending Radius	Pliable	mm	250	450	SANS 61386-24
	Rigid	mm	2 500	4 000	
Outside diameter		mm	110	160	SANS 61386-24
Inside diameter		mm	95	137	To manufacturers tolerance
Internal Coefficient of Friction			<0.3		
Resistance to Compression			Type 450		SANS 61386-24
Resistance to Impact			Normal Duty		SANS 61386-24
Nominal Hole Diameter		mm	15	15	
Infiltration area		mm <sup>2</sup> /m	>7 000	>7 000	
Inside Bore of Duct			Smooth, free of blisters		Visual inspection
Storage Temperature		°C	From - 20 to + 60		
Installation Temperature		°C	From - 10 to + 40		
Sizes			50m coils or 6m lengths with coupling		

The information contained in this publication is provided in good faith and to the best of our knowledge is true and accurate. Fibertex South Africa reserves the right to make technical modifications to their products without notice.



KZN: (T) +27 (0)31 736 7100  
(E) salesza@fibertex.com

GAUTENG: (T) +27 (0)11 965 0205  
(E) tenders@geotextilesafrica.co.za

W CAPE: (T) +27 (0)21 701 3569  
(E) adminct@geotextilesafrica.co.za

[www.fibertex.com](http://www.fibertex.com) / [www.geotextilesafrica.co.za](http://www.geotextilesafrica.co.za)

\*\* GEOTEXTILES • GEOGRIDS • SUBSOIL DRAINAGE PIPE & FITTINGS • GEOCELLS • COMPOSITE DRAINAGE SYTEMS • GABIONS & MATTRESSES  
• CUSPATED SHEETS • GEOBAGS • GCLs • GEOMEMBRANE