

Multi-sock®

Multi-sock® Seamless knitted filter sock on tubes & rolls for perforated pipes



Tested and approved to RMS Specification 3553

Multi-sock® PET filter sock properties

Typical Mechanical Properties	Test Method	Units	T65/15	T65/30	T110/15	T110/30	R160/30	R200/30
Determination of Yield Longitudinal Strain	T 1520	m/kg %				24.57 2.1		
Laddering, Unravelling, Deweaving from a cut end	T 1521					All Pass		
Abrasion Resistance - longitudinal direction Abrasion Resistance - circumferential direction	T 1522					Pass Pass		
Weaving Stability - parallel cut Weaving Stability - perpendicular cut	T 1523					Pass Pass		
Typical Hydraulic Properties								
Large opening diameter Opening Index	T 1524	microns				250 212.3		
Range of diameters based on ten largest diameters 1 2 3	T 1524	microns				140 - 250 180 - 310 180 - 250		
Flow Rate (100mm constant head)	AS3706.9	l/m2/s	Indicatively >15 x NZTA TNZ F/7 flow requirements for geotextiles					
Typical Physical Properties								
	Sizes	Dia (mm)	65	65	110	110	160	200
	typically stocked	Length (m)	15	30	15	30	30	30
	Tube (T) or Roll (R)		T	T	T	T	R	R

Multi-sock® is manufactured by EC Knit under quality procedures and tested to RMS NSW Australia requirements. Test properties shown above may be amended from time to time as part of continuous development.

PET (polyester) is unaffected by bacteria and fungi and are resistant to normal soil conditions. High alkaline or high pH conditions should be specifically site tested.

The information contained herein is intended as a general guide to the properties of the product and are not to be considered a design or fit for any particular purpose other than the applications shown in NZTA & RMS NSW Australia documentation for the use of knitted filter socks for perforated pipe. GPIL accept no liability for any loss or damage, or consequential damage, however arising, from the direct or indirect use or reliance on such information. The information presented herein and in any supporting documentation or that referenced to in any website is, to the best of our knowledge and belief, correct and is subject to periodic review and revision. The validity of information relative to all necessary engineering or any other conditions must be ascertained by a suitably qualified person. No warranty is either expressed or implied.



Technical Data Sheet
Issue Date: November 2023
Rev: 1

www.gpil.co.nz