Transport Roads & Maritime Services

NSW GOVERNMENT

Test method T1521

Laddering, unravelling or deweaving of a seamless knitted tubular filter fabric from a cut end

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Revision Summary

Ed/Rev Number	Clause Number	Description of Revision	Authorisation	Date
		Reformatted and Revision Summary Added	D.Dash	June 2001
Ed 2/ Rev 0	All	Reformatted RMS template	J Friedrich	November 2012

Note that Roads and Maritime Services is hereafter referred to as 'RMS'.

The most recent revision to Test method T1521 (other than minor editorial changes) are indicated by a vertical line in the margin as shown here.

Test method T1521

Laddering, unravelling or deweaving of a seamless knitted tubular filter fabric from a cut end

1. Scope

This test method sets out the procedure for determining the likelihood of a seamless tubular filter fabric, which has been pretreated in ultra violet light, to ladder, unravel or deweave when placed over a mandrel.

2. Apparatus

(a) A 500 mm long smooth round pipe with smooth ends, and with a diameter as follows:-

(i) 90 mm, if tubular filter fabric for use with 65 mm corrugated plastic subsoil pipe is to be tested

(ii) 115 mm, if tubular filter fabric for use with 100 mm corrugated plastic subsoil pipe is to be tested

(iii) 180 mm, if tubular filter fabric for use with 150 mm corrugated plastic subsoil pipe is to be tested

(b) A pair of sharp scissors

(c) Ultra-violet light emission equipment

3. Pretreatment

A 1.7 m sample length of filter fabric is to be exposed to ultra-violet light for two days as described generally in Test Method T1404.

4. Procedure

(a) From the pre-treated sample cut a one metre sample length of the filter fabric with the scissors

(b) Pull the sample over the pipe by the end not specifically cut for testing and record whether any laddering, unravelling or deweaving of the fabric occurs from the cut end as it is drawn onto the pipe

(c) Repeat (b) three more times, using the same sample