

## SETSCO SERVICES PTE LTD

18 Teban Gardens Crescent Singapore 608925 Tel: (65) 6566 7777 Fax: (65) 6566 7718 Website: www.setsco.com Business Reg. No. 196900269D

## **TEST REPORT**

(This Report is issued subject to the terms & conditions set out below)

Your Ref .: -

Our Ref: MM-54154/CKT/3

Date: 05 July 2016

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Subject

Testing of Crimp Mesh submitted by Suntronic Design and Construction Pte

Ltd on 16 June 2016.

Tested for

SUNTRONIC DESIGN AND CONSTRUCTION PTE LTD

11 Upper Wilkie Road Singapore 228120

Attn: Ms. Jane Wong

**Date & Place** 

of Test

04 July 2016 at Setsco Laboratory

Method of Test:

Tension Load Test

The test sample was mounted to a test fixture and then placed on the Universal Testing Machine in a vertical position. A tension load was applied gradually until

failure. The maximum load was then recorded.

Description of

Sample

One (01) set of Crimp mesh was received for testing.

Results

Tension Load Test

Refer to Table and Photograph attached.

CHEW KENG TIONG Testing Officer

LIM CHIN SEONG Principal Engineer (Mechanical Testing) Mechanical Technology Division

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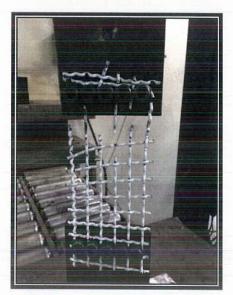
## Results:

Table: Tension Load Test

| Sample Reference    | Crimp Mesh (1319 x 2538)<br>12 x 12 x 3mm thk |
|---------------------|-----------------------------------------------|
| Maximum Load (kN)   | 8.6                                           |
| Position of Failure | Refer to photographs 1 to 2 attached          |



Photograph 1 shows test setup for the crimp mesh tension load test



Photograph 2 shows fractured location after testing



