

Report No: 05414-0518-01637-MEME/2
Date of Report: 03 May 2018

Page 1 of 4

Client's Reference: P/O No: PT180089

Report Title: Load Testing

Client Details: Jayacoat Industries Sdn Bhd
Lot 61, 11 Miles Jalan Chera, 43300 Kajang,
Selangor Darul Ehsan, Malaysia

Attn: Ms Chur Soo Ling

Sample Description: One (01) piece of Diameter 127 ABS Grommet (Figure 2)

Tested For: TASS Cable Management Ltd
Unit 1, Leonard House, 38A, Rosemary Lane,
Blackwater, Camberley Surrey
United Kingdom GU170LT

Test Method: The Diameter 127 ABS Grommet Assembly was mounted onto the test fixture.
Using Ø50mm round point loading in the centre of the box, subjected to a
compression load until failure occurred. (Test set-up shown in figure 3)

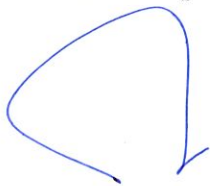
Test Equipment : Universal Testing Machine, MTS/SINTECH 65/G
Test Speed: 6mm per minute

Date of Receipt: 30 April 2018

Date of Test: 03 May 2018

Location of Test: 249 Jalan Boon Lay, Singapore 619523

Results Reported By:



Yong Soon Choy
Reporting Officer

Report Approved By:



Tan Chee Kheng
Supervisor
Materials Engineering Division

Report No: 05414-0518-01637-MEME/2
Date of Report: 03 May 2018

Page 2 of 4

Results of Testing:

Table 1: Load Test Results

Sample Reference	Diameter 127 ABS Grommet
Maximum Applied Load	647 kgf
Extension at Maximum Load	6.9mm
Mode of Failure	Figure 4 to 6

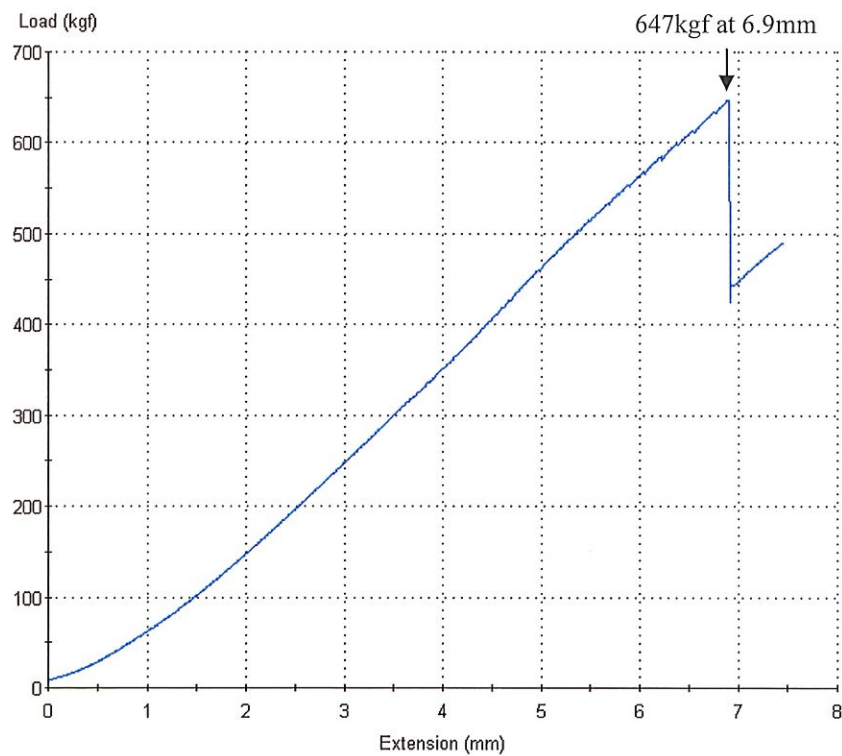


Figure 1: Load vs. Extension Curve

Report No: 05414-0518-01637-MEME/2
Date of Report: 03 May 2018

Page 3 of 4



Figure 2: Received Sample

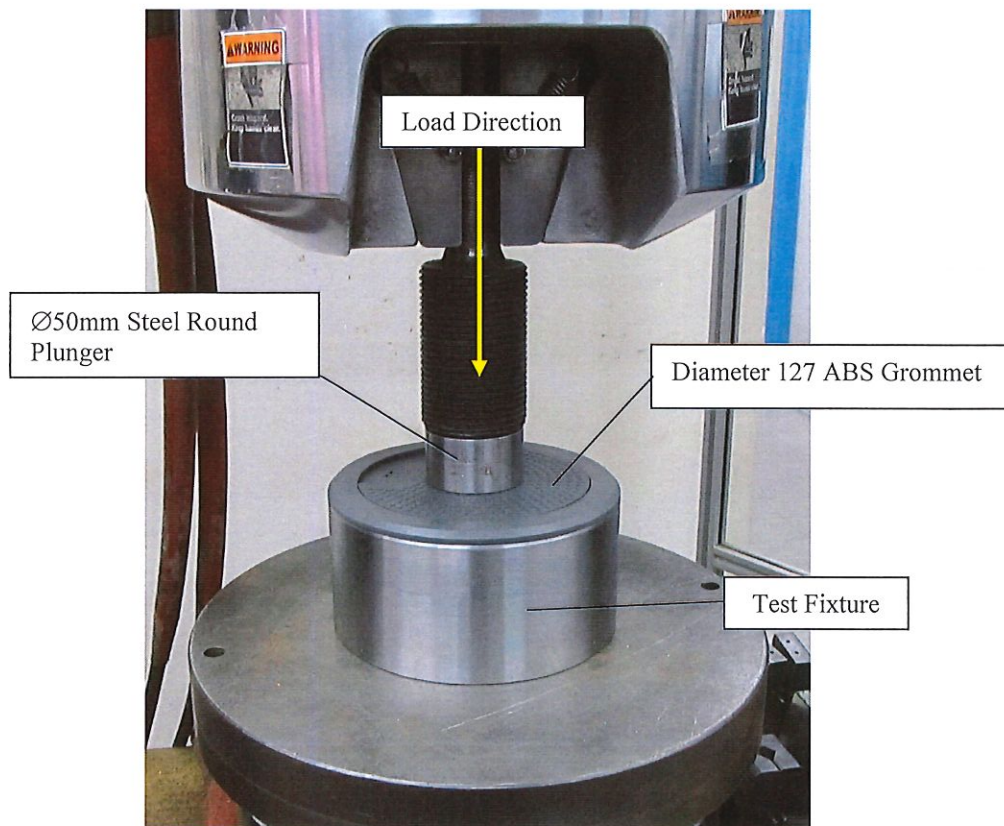


Figure 3: Test Set-up

Report No: 05414-0518-01637-MEME/2
Date of Report: 03 May 2018

Page 4 of 4



Figure 4: After Test



Figure 5: After Test (Top View)



Figure 6: After Test (Bottom View)