

MECHANICAL STRENGTH CERTIFICATION

PASS

Supplier: Thorlabs Limited
Purchase Order Number: EO-396767
Part Number: F002
Requirements: EN 12254: 2010(E) Clause 4.5 "Mechanical Strength"

Cert. Number: 60005
Date: October 5, 2018

TEST PARAMETERS

Coating Type: N/A
Test Wavelength: N/A
Polarization: N/A
Pulsewidth (FWHM): N/A
Spot Diameter (1/e): N/A
Test Prep: None
Quantity: 6

Substrate Material: Fabric
Incidence Angle: 0°
PRF: N/A
Transverse Mode: N/A
Axial Modes: N/A
Number of Sites: 1
Exposure Duration: N/A

TEST RESULTS:

<u>Sample</u>	<u>Mechanical Strength</u>
F002-1-P	Pass
F002-1-T	Pass
F002-2-P	Pass
F002-2-T	Pass
F002-3-P	Pass
F002-3-T	Pass

COMMENTS: UV Exposed Protected Fabric. Sample length did not meet specification due to limited availability of material. Samples exhibited noticeable stretching on transverse pull test. Limited stretching observed on parallel samples. All Samples meet requirement.

Spica Technologies certifies that this sample has been exposed to the parameters described above. All test and calibration data are maintained on file. All instrument calibration is traceable to NIST.

Test conducted by



Spica
Technologies Inc.

18 Clinton Drive #3
Hollis, NH 03049
www.spicatech.com
603-882-8233