

TECHNICAL INSPECTION REPORT

Report no: 0860-13-41002-403-005

General Data:

Intended for: Gulmohar Lashpack Solutions, Pune India

Place of test: Noida, India

Date of test: 25-Jan-14

Item and tests:

1. Polyester woven lashing strap 4050 printed GL4050 and 3220 printed GL3220
2. Assortment of One way Buckles with Polyester Woven Lashing GL 4050 and GL 3220.

The undersigned Surveyor of Germanischer Lloyd herewith confirms having witnessed the testing of polyester woven lashing strap GL4050 and GL 3220 with buckles on 25 –Jan-2014

The following tests were carried out:

1) Overall system breaking strength testing of Buckle OWB 4040 Forged with polyester woven lashing GL 4050 in a closed loop .

- Specified strength :8200 daN / 8361.70 kgs
Actual strength : 8670 daN / 8840.93 kgs

2) Overall system breaking strength testing of Buckle HDB 35 Sheet Pressed with polyester woven lashing GL 3220 in a closed loop .

- Specified strength :3000 daN / 3059.14 kgs
Actual strength : 3860 daN / 3936.10 kgs

3) Breaking strength testing of polyester woven lashing GL 4050 .

- Specified strength : 5000 daN / 5098.58 kgs
Actual strength : 5350 daN / 5455.48 kgs
Elongation required : less than 7% as per EN 12195
Actual elongation : 4%



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4) Breaking strength testing of polyester woven lashing GL 3220 .

- Specified strength	: 2000 daN / 2039.40 kgs
Actual strength	: 2380 daN / 2426.90 kgs
Elongation required	: less than 7% as per EN 12195
Actual elongation	: 2%

Remarks:

The above mentioned tests were carried out on a calibrated test bench.

New Delhi , India 25-Jan-2014



Surveyor to Germanischer Lloyd

Md. Fasih Uddin