

# CERTIFICATE OF CONFORMITY

Issued by: TUV NEL Ltd.  
Mechanical Testing Facility

Certificate No.: 101119

Date of Issue : 10 March, 2006

Date of Expiry : 6 March, 2008



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### Approved Signatories

R. Hone  
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(Test Engineer)

## TESTING OF A TYPE 'OSWAL 1' SINGLE-TRIP FLAT CUT CIRCULAR WOVEN POLYPROPYLENE FIBC DESIGN TO BS EN 1898 : 2001

**Certificate Holder** Oswal Extrusion Ltd.

**Plant Address** Plot-73/74/75-A,82-A, Sector-4, Kandla Special Economic Zone, Gandhidham, Kutch – 370 230, India.

**Date(s) of Receipt** 12 February 2006      **Date(s) of Test** 6 March 2006

**Sample Ref.** FAAK 1+2      **Project No.** FIB600

**FIBC Description** 85<sup>2</sup> x 90 cm high Flexible Intermediate Bulk Containers. 'U' + 2 side panel construction. Produced from circular woven polypropylene fabric cut into flat panels. 80 cm fill height. Lifted on 4 x 50 mm 1250 kg polypropylene webbing loops, sewn down 50 and 70 cm, externally into either side of corner seams. 30 cm loop height. Open top. Plain square integral base. 4200/2500 denier polypropylene overlock/chain stitch (body/base). 4200 denier polypropylene overlock stitch (loops). 135 g/m<sup>2</sup> polypropylene body/base fabric. **1000 kg SWL / 5:1 SF.**

**Test Standard** Testing was carried out in NEL test machines D5 and D7 using the methods in accordance with the performance requirements of BS EN 1898 : 2001.

**Sample Selection** Testing was carried out on three samples supplied by client.

### Table of Results

REFERENCE	HEIGHT	TEST DESCRIPTION	MIN. / TEST LOAD	TEST No.	DATE
Annex B	90 cm	30 cycles at 2:1 (2,000 kgf.), 31st cycle to destruction	53.3 kN (5,435 kgf.)	FAAK 1	6/3/06
Annex C	90 cm	Compression to SWL x 4 (4,000 kgf.) for 6 hours	19.7 KN (2,008 kgf.)	FAAK 2	6/3/06

**Comments** This certificate refers to a series of three tests which, when taken together show compliance with the performance requirements of BS EN 1898 : 2001 for a height of 90 cm (only). Test graphs FAAK 1+2 have been reproduced overleaf.

### Distribution

Oswal Extrusion Ltd.	1 copy
Project File – NEL	1 copy

Tested by R. Hone .....

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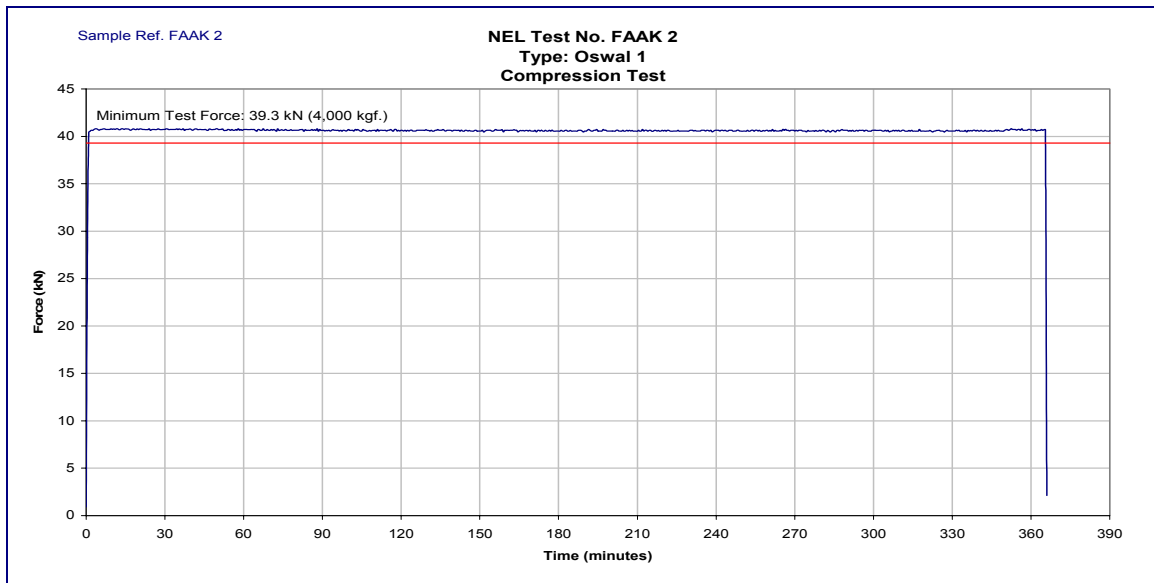
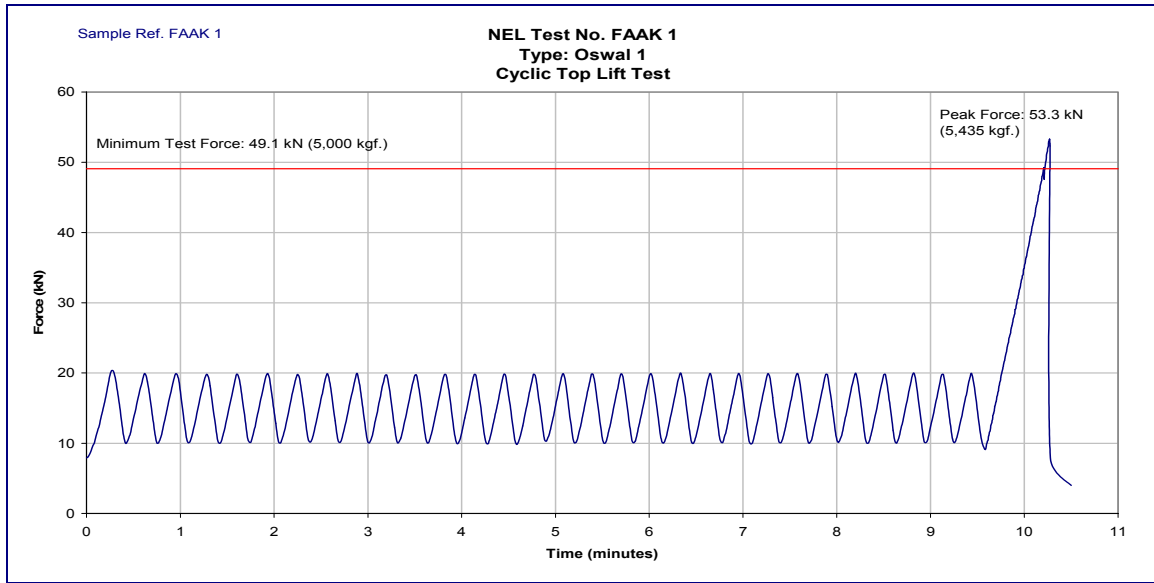
QC5/JAN01

# CERTIFICATE OF CONFORMITY

UKAS Accredited Test Laboratory No. 0432

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\*\*\*End of Certificate\*\*\*