



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

An ISO - 9001:2008 Certified Institute

TEST CERTIFICATE

000246346

Issued to :
ALP AEROFLEX INDIA PVT LTD
C-10 SECTOR 1
NOIDA - 201301,U.P.

J.O.No. 206-111-1914@
Reg.No. 1333001
Date 25-07-2012
GC-01 (REV-04)

Your Ref.No. -

Kind Attn: MR ABHIMANYU

Sample Particulars :

Date

One sample of A-Flex (BIOFLEX) Nitrile Rubber Insulation Sheet was received.

"The sampling was not carried out by Shriram Institute for Industrial Research. The sample details provided in test certificate are based on declaration by the party."

Revised report of report no. 245702 dt. 19.07.2012

TEST RESULTS

Protocol :- As per guidelines of ASTM 2180-07

Test :- Determination of the Activity of Incorporated Antimicrobial Agent in A-Flex (BioFlex)Nitrile Rubber Insulation Sheet.

Test Organisms :- *Staphylococcus aureus*
Pseudomonas aeruginosa

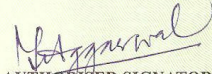
Surface area tested:- 3.0 X 3.0 cm square
Inoculum volume:- 1 ml of inoculated agar slurry

Test conditions :-
Incubation temperature 37⁰ C
Incubation time 24 h

Percent Reduction *Staphylococcus aureus* = 99%
Pseudomonas aeruginosa = 92%

Interpretation :- Activity of incorporated antimicrobial agent in Nitrile Rubber Insulation Sheet against *Staphylococcus aureus* and *Pseudomonas aeruginosa* was observed as 99% and 92%, respectively.

DOR: 23-06-2012
DOC: 25-07-2012


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