



# SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi – 110007 (India)  
An ISO - 9001, 14001 & 45001 Certified Institute

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ULR NO. : TC544424000007532F

## TEST REPORT

NO : C1/0000363337

Issued To :  
Client Code : (GRND01A3213)  
ATUL INDUSTRIES,  
F-04 SITE C, SURAJPUR INDUSTRIAL AREA,

GREATER NOIDA  
UTTAR PRADESH-201306  
Kind Attn: MR. VINAY SINGLA

Date of issue : 26-06-2024  
Job No : 2406-1-173-539  
Booking No : RG2425/1/2366  
Booking Date : 11-06-2024  
Customer Ref No. : -  
Customer Ref Dt. : 11-06-2024  
Location : Laboratory



### Sample Description :

ONE SAMPLE DESCRIBED AS SAMPLE OF PVC CONDUIT 25 MM MAKE ATUL(HEAVY, HMS); WAS RECEIVED.

(The sampling has not been carried out by Shriram Institute for Industrial Research, the sample details provided in the test certificate are based on declaration by the party.)

### TEST RESULTS

As Per IS:9537(Pt. III) - 1983

Discipline : ELECTRICAL  
Group : Wiring Accessories

S.No.	Tests	Value Observed	Value Specified	Conformity	Protocol Followed
1	Checking of Dimensions				IS:9537(Pt.III) -1983
a)	Length of conduit (mm)	3	3 (Min.)	Yes	
b)	Maximum outside diameter	Gauge slides freely	Gauge should slide freely	Yes	
c)	Minimum outside diameter	Gauge did not slide freely	Gauge should not slide freely	Yes	
d)	Minimum inside diameter	Gauge slides freely	Gauge should slide freely	Yes	
e)	Length of socket end (mm)	41	40 (Min.)	Yes	
2	Bending test (at room temperature)	No cracks observed in sample after the test	Sample shall not show any cracks after the test	Yes	IS:9537(Pt.III) -1983

GC-01(Rev-05)

1/2

Reviewed and Authorized by  
EMPLOYEE CODE:( 3247 )

Note: The results relate only to the items tested / calibrated above.  
Scanned copies/photocopies or any other copies should be authenticated by reference to the original report.

SRI-C1 (Rev. 05)

Phone : 91-11-35200445, 35200499

Fax : 91-11-35200455

See overleaf for terms & conditions





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<b>3 Compression test</b>					IS:9537(Pt.I) -1980
<b>a) Difference between diameter when force is applied (%)</b>					
i) Specimen No. 1	3	25 (Max.)	Yes		
ii) Specimen No. 2	3	25 (Max.)	Yes		
iii) Specimen No. 3	2	25 (Max.)	Yes		
<b>b) Difference between diameter when force is removed (%)</b>					
i) Specimen No. 1	1	10 (Max.)	Yes		
ii) Specimen No. 2	1	10 (Max.)	Yes		
iii) Specimen No. 3	1	10 (Max.)	Yes		
<b>4 Impact test</b>	1	3 (Max.)	Yes		IS:9537(Pt.I) -1980
[No. of specimens with cracks or disintegration out of 12]					
<b>5 Resistance to Heat, (mm)</b>	0.5	2.0 (Max.)	Yes		IS:9537(Pt.III) -1983
[Diameter of ball impression]					
<b>6 Resistance to Burning, (sec.)</b>	3	30 (Max.)	Yes		IS:9537(Pt.I) -1980
[time of burning after removal of flame]					
<b>7 Electrical characteristics</b>					
<b>Electric Strength</b>					IS:9537(Pt.I) -1980
i) Specimen No. 1	Withstood	Shall withstand	Yes		
ii) Specimen No. 2	Withstood	2000 VAC for	Yes		
iii) Specimen No. 3	Withstood	15 minutes	Yes		

Date of Receipt -11.06.2024  
Date of Start - 13.06.2024  
Date of Completion - 26.06.2024

"End of Report"

  
Reviewed and Authorized by  
EMPLOYEE CODE:( 5247 )

GC-01(Rev-05)

2/2

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# AADCO Testing & Research Laboratory Pvt. Ltd.

F-28, Bulandshahar Road, Indl. Area, Ghaziabad-201009

aadcolab@gmail.com www.aadcolab.com 8851104033, 9555443495

0120 - 4265545 aadco\_testing

CIN No.: U85100UP2014PTC063882

This report is not valid/authentic without the QR code

## Issued to:

Atul Industries  
F-04 Site C,  
Surajpur Industrial Area  
Greater Noida UP



ATRL/QSF/1002

Report No.: 20240110GEN519

Date of Issue: 23.01.2024

Date of Receipt: 10.01.2024

Reference No.: Nil

Date: 10.01.2024

Page No: 01 of 02

Sample Description (as described by the client): PVC Conduit 25mm Medium, Make: ATUL,

Sample Given: By Client

Discipline/Group: Electrical/Wiring Accessories

## TEST REPORT

S. No.	Test (with unit of measurement)	Test Result	Test Method	Requirements as Per IS 9537 (P-3):1983 Amend:1&2, RA 2017 Classification: Medium	Conformity
1.	<b>Dimensions</b>				
(A)	<b>Conduit</b>				
(i)	Gauge for checking maximum outside diameter	Passes the test	IS 9537(P-3):1983 RA-2017	It shall be possible to slide the appropriate gauge completely over the conduit, under its own weight.	Yes
(ii)	Gauge for checking minimum outside diameter	Passes the test	IS 9537(P-3):1983 RA-2017	It shall not be possible to pass the gauge over the conduit, in any position without undue force.	Yes
(iii)	Gauge for checking minimum inside diameter	Passes the test	IS 9537(P-3):1983 RA-2017	It shall be possible for the appropriate gauge to pass through the conduit under its own weight.	Yes
(B)	<b>Socket end</b>				
(i)	Gauge for checking maximum outside diameter	Passes the test	IS 9537(P-3):1983 RA-2017	It shall be possible to slide the appropriate gauge completely over the conduit, under its own weight.	Yes
(ii)	Gauge for checking maximum Inside diameter	Passes the test	IS 9537(P-3):1983 RA-2017	It shall be possible for the appropriate gauge completely over the conduit, under its own weight.	Yes
(C)	<b>Uniformity of the wall thickness</b>	Passes the test	IS 9537(P-3):1983 RA-2017	In no case shall the difference between the value measured and the average of the twelve values obtained from the three samples exceed 0.1mm (+) 10% of the average value.	Yes
2.	<b>Bending Test (At Room Temperature)</b>	Satisfactory	IS 9537 (P-3): 1983 RA-2017	The sample shall show no cracks.	Yes
3.	<b>Collapse test</b>	Passes the test	IS 9537(P-1):1980 RA-2020	It shall be possible to pass this gauge through the conduit	Yes
4.	<b>Compression Test</b>				
(i)	Variation in outside diameter under compression force (%)	14.56	IS 9537 (P-1):1980 RA-2020	25% Maximum	Yes
(ii)	Variation in outside diameter after removing the compression force (%)	7.89	IS 9537 (P-1): 1980 RA-2020	10% Maximum	Yes

Continue.....

ULR No.: TC800624000000122F



Auth. Signatory

## \*Terms & Conditions:

- Total liability of our laboratory is limited to the invoiced amount. No liability will be accepted after the sample is taken back.
- The result listed refer only to the tested samples and applicable Parameters, Endorsement of product is neither inferred nor implied.
- The sample description is not verified in all cases and is given "As Described by Customers" Sample not drawn by us an Analysis conducted on "As received basis" unless specified otherwise.
- Sample will be destroyed after 30 days from the date of reporting unless instructed otherwise.
- Any complaints about this report should be communicated in writing within 7 days of issue of this report.
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सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES

UDYAM-UP-29-0054687





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Report No.: 20240110GEN519

Date of Issue: 23.01.2024

Date of Receipt: 10.01.2024

Reference No.: Nil

Date: 10.01.2024

Page No: 02 of 02

Sample Description (as described by the client): PVC Conduit 25mm Medium, Make: ATUL,

Sample Given: By Client

Discipline/Group: Electrical/Wiring Accessories

## TEST REPORT

S. No.	Test (with unit of measurement)	Test Result	Test Method	Requirements as Per IS 9537 (P-3):1983 Amend:1&2, RA 2017 Classification: Medium	Conformity
5.	Impact Test	Satisfactory	IS 9537 (P-1): 1980 RA-2020	The sample shall show no sign of disintegration or any cracks visible to the naked eye in at least nine of the twelve samples.	Yes
6.	Resistance to Heat, mm	0.34	IS 9537 (P-3): 1983 RA-2017	The diameter of the impression shall be measured and it should not exceed 2mm.	Yes
7.	Resistance to burning, sec	4	IS 9537 (P-1): 1980 RA-2020	Flames shall died within 30 Sec. After removing of the burner.	Yes
8.	<b>Electrical Characteristics</b>				
(i)	Electrical Strength	Withstood	IS 9537 (P-1):1980 RA-2020	Applied 2000V for 15 min between the electrodes. No breakdown shall occur during the test.	Yes
(ii)	Insulation Resistance	More than 100MQ.	IS 9537 (P-1):1980 RA-2020	The insulation resistance shall not be less than 100MQ.	Yes

Note: Any Deviation from the standard test method/specification: Nil

\*\*\* END OF REPORT\*\*\*

D.O.S: 10.01.2024

D.O.C: 23.01.2024

ULR No.: TC800624000000122F



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