

TEST REPORT

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ULR No.:-	--	Discipline/ Group:	Electrical/ Environmental Test Facility
Test Report No.	STC/TEST/N20230413002	Date of Issue:	25/04/2023
Name & Address of Customer:	DEE FIVE SHRINK INSULATIONS PVT. LTD. Plot No. 165, HSIIDC, Sector- 17, Bahadurgarh - 124507, Haryana		
Name & Address of Manufacturer (If required):	DEE FIVE SHRINK INSULATIONS PVT. LTD. Plot No. 165, HSIIDC, Sector- 17, Bahadurgarh - 124507, Haryana		
Customer Ref. & Date:	Nil	W.O. No:	N20230413002
Date of Sample Receipt:	13/04/2023	Start of Test Date:	14/04/2023
		End of Test Date:	21/04/2023

PART A - PARTICULARS OF THE SAMPLE SUBMITTED

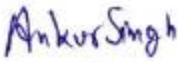

Sample description	PVC Heat Shrinkable Lay Flat Tubing
Grade/ variety/ type/ class/ size etc.	Thickness – 0.15mm
Declared values, if any	--
Code no., BIS seal and IO's sign. if any	--
Batch no., date of manufacture and Brand Name	--
Name & Address of Manufacturer (If required)	DEE FIVE SHRINK INSULATIONS PVT. LTD. Plot No. 165, HSIIDC, Sector- 17, Bahadurgarh - 124507, Haryana
Serial No.	--
Quantity	1 No.
Condition of the sample	OK
Reference specification (s)	As per customer specification
Environmental conditions	Temperature (25±10)°C & Relative Humidity(45-75)%

PART-B: SUPPLEMENTARY INFORMATION

1. If an Item is tested, acknowledging deviations from specified conditions as requested by customers, the results may be affected due to this deviation.
2. Details of the drawings, graphs, tables, sketches or photographs as referred in the test report, if any:

Notes:

1. This report is not to be reproduced except in full/partial without approval of the laboratory in writing.
2. This report refers only to the particular sample detailed above.
3. The results reported in this Test report are valid at the time of and under the stipulated conditions of measurement.

Tested by	Approved by
	
(Ankur Singh/Testing Engineer)	(Khushboo/Technical Manager)

Format No. - STCLAB/F/EL/06

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1. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a manufactured article. PVC Heat Shrinkable Lay Flat Tubing Products are not hazardous during proper installation, but the PVC Heat Shrinkable Lay Flat Tubing may emit hazardous thermal decomposition and combustion byproducts if overheated to degradation. See "Thermal Degradation and Combustion Byproduct" section of this SDS for more specific information. Base polymer materials include PVC RESIN, PVC CHEMICAL, LUBRICANTS LEAD FREE. Heat-shrinkable products may be coated with or used in conjunction with adhesives/mastics.

2. FIRST-AID MEASURES

First Aid Measures

- Eye Contact:** None under normal use conditions. If eye irritation occurs, flush with clean water for 15 minutes while holding eyelids apart. Seek medical attention.
- Skin Contact:** First aid is normally not required. After handling product, it is good work practice to wash your hands. If molten material contacts skin, cool area immediately in water. DO NOT attempt to remove material from the skin. Treat as a burn, and seek medical attention.
- Inhalation:** If respiratory symptoms or other symptoms of exposure develop, move victim to fresh air. If symptoms persist, seek medical attention. If breathing difficulties develop, qualified personnel should administer oxygen. If victim is not breathing, immediately begin artificial respiration. Keep victim warm and quiet; seek immediate medical attention.
- Ingestion:** Not a normal route of exposure. However, if swallowed and symptoms develop, seek medical attention.

Most important symptoms and effects:

- Symptoms** Overheating the product to charring or burning may produce vapors that may cause eye, skin, nose and throat irritation. Persons with pre-existing eye, skin, or respiratory disorders (e.g., asthma conditions) may be more susceptible to the effects of these vapors.

Indication of any immediate medical attention and special treatment needed:

Notes to Physician

Treat symptomatically.



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3. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use carbon dioxide, water, dry chemical or foam. Selection of extinguishing media should be based upon the size of the fire, the firefighting training/experience of the individual attempting to extinguish or control the fire, and the packaging materials exposed to the fire.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Product is not flammable or combustible.

Hazardous Combustion Products In common with most organic materials, thermal degradation and combustion byproducts may be toxic and should not be inhaled. Thermal degradation is not significant at temperatures achieved during proper installation, as directed by product installation guides. At temperatures higher than those recommended for proper installation, most significantly if the product burns, the thermal degradation and combustion byproducts will depend on the base polymer used and additives, if any, may include but are not limited to carbon monoxide, carbon dioxide, organic acids, aldehydes (including formaldehyde), acetic acid, low molecular weight hydrocarbons, silicon dioxide, hydrogen chloride, hydrogen fluoride, hydrogen bromide, vinyl acetate, ammonia, hydrogen cyanide, antimony, fluoro-olefins, phosphine and oxides of nitrogen, phosphorus and sulfur.

4. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Wear protective clothing

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Keep in suitable, closed containers for disposal.

Storage Conditions This product is stable under normal conditions.

Incompatible Materials None known based on information supplied.



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5. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Contact with molten material may cause thermal burns.
Skin Contact	This product is not expected to be a skin irritant. Contact with the molten material may cause thermal burns. No harmful effects are expected from skin absorption of this product.
Inhalation	In common with most organic materials, thermal degradation and combustion byproducts may be toxic and should not be inhaled.
Ingestion	Ingestion of this product is highly unlikely. There is insufficient information available on this material to predict the effects from ingestion.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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6. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not expected to be hazardous to the environment.

Component Information

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

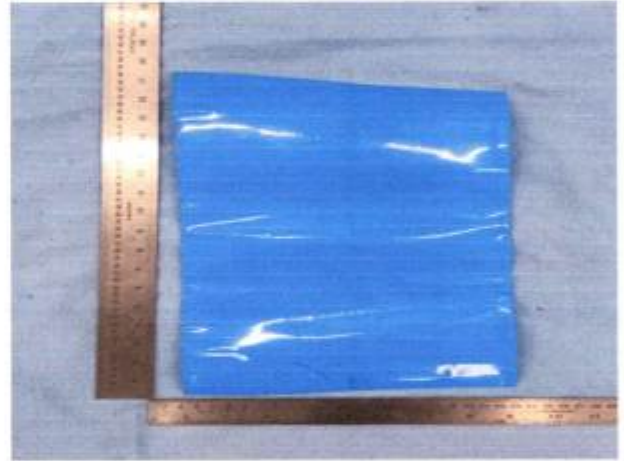
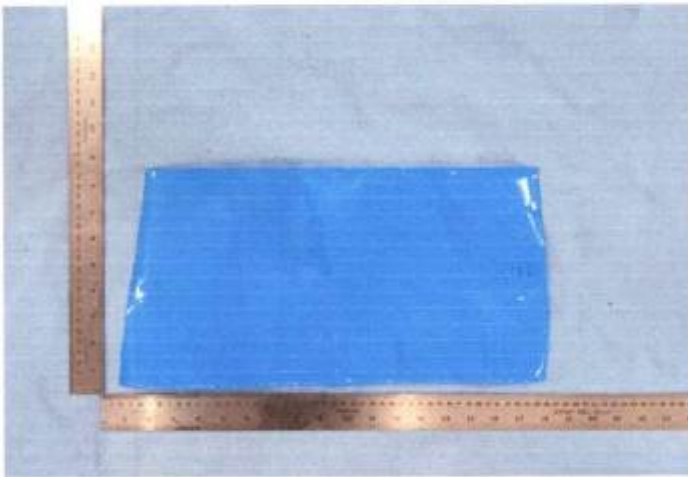
Other Adverse Effects

Not determined





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Photograph of Sample:



PART D:-

REMARKS: Pass

Tested by	Approved by
	
(Ankur Singh/Testing Engineer)	(Khushboo/Technical Manager)

***** END OF TEST REPORT *****