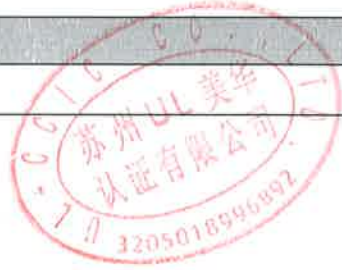


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| Test Location Information | |
|---------------------------|---|
| Name | UL-CCIC Company Limited |
| Address | No. 2, ChengWan Road, Suzhou Industrial Park, Suzhou, Jiangsu 215122, China |
| Client Information | |
| Name | ERICO International Corporation Ltd |
| Address | 21F, No.1009 Yishan Road Shanghai, 200233 CN |
| Factory Information | |
| Name | ERICO NVENT |
| Factory Address | Rue Charles Dallièrè, BP 31 42161 Andrézieux Bouthéon Cedex |
| Report Information | |
| Report Number | 4788401624 |
| Report Date | 2018-07-02 |
| Standard References | UL 854 Eleven Edition(2004-10-19) Section 30 UL 2556 Forth Edition(2015-12-15) Section 4.2 |
| Product Information | |
| Type | Cable |
| Product | ADVANCED insulation |
| Testing Engineer | |
| Name/Signature | Carrie Wang |
| Laboratory Review | |
| Name/Signature | Rocket Xu |



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General Information

Information conveyed by this Report applies only to the test sample(s) actually tested. Underwriters Laboratories Inc. (UL) did not select the sample(s), determine whether the sample(s) was representative of production sample(s), nor was UL provided with information relative to the formulation or identification of component materials used in the test sample(s).

UL has not established a factory Follow-Up Service Program to determine the conformance of subsequently produced products, nor has any provision been made to apply any registered mark of UL to such product(s). The issuance of this Report in no way implies any Listing, Classification or Recognition by UL and does not authorize use of UL's marks, or other reference to UL, on the product or system. UL's name and marks cannot be used in any packaging, advertising, promotion or marketing relating to the product and data in this Report, without UL's prior written permission.

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| List of tests | Test Result |
|--------------------------|-------------|
| SUNLIGHT RESISTANCE TEST | Compliant |

Table 1 "List of tests"

| Appendix | Page |
|-----------------------|------|
| Sample Identification | 4 |
| Detailed Testing Data | 5-7 |

Table 2 "Appendix"



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| Sample Identification | | | |
|-----------------------|------------------------------|---------------|------------------------------------|
| Sample No. | Sample Identification Number | Date Received | Product Description /Serial Number |
| 1573513 | W1-W10 | 2018-05-04 | ERIFLEX HF33 |

Table 3 "Sample identification list"



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Detailed Testing Data

SUNLIGHT RESISTANCE TEST:

UL 854, Clause 30
 UL 2556, Clause 4.2

| | | | | | |
|------------------|---------|-------------|-----------|---------|-------|
| Sample Card No.: | 1573513 | Sample No.: | W1-W5 | | |
| Material: | - | Ins/Jkt: | Jkt. | Color: | Black |
| Ambient Temp.: | 24 °C | | Humidity: | 50 % RH | |

| | | | | | |
|---|--|---|--|---------------------------------|--------|
| Sample Type: | <input type="checkbox"/> Insulation | <input checked="" type="checkbox"/> Jacket | | | |
| Sample Preparation: | <input type="checkbox"/> Tubular | <input checked="" type="checkbox"/> Die Cut | <input checked="" type="checkbox"/> Buffed | <input type="checkbox"/> Planed | |
| Speed of Separation: | 20 Inches Per Minute | | | | |
| Conditioning: | <input checked="" type="checkbox"/> Unaged | | | | |
| | Specimen No. | | | | |
| | 1 | 2 | 3 | 4 | 5 |
| width of die, mils | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 |
| thickness of die, mils | 62.4 | 60.5 | 64.8 | 65.0 | 64.2 |
| Area, in ² | - | - | - | - | - |
| Peak load, lbf | 19.41 | 18.88 | 20.54 | 21.12 | 18.59 |
| Tensile strength, lbf/in ² | 1244.3 | 1248.3 | 1267.9 | 1299.8 | 1158.2 |
| Bench marks broke at, in. | 8.03 | 7.70 | 8.06 | 8.23 | 7.86 |
| Elongation, percent | 703 | 670 | 706 | 723 | 686 |
| Did specimen break in gauge mark? | Yes | Yes | Yes | Yes | Yes |
| | Results | | Requirement | | |
| Average tensile strength, lbf/in ² | 1243.7 | | - | | |
| Average elongation, percent | 697.6 | | - | | |



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SUNLIGHT RESISTANCE TEST:

UL 854, Clause 30
 UL 2556, Clause 4.2

| | | | | | |
|------------------|---------|----------|-------------|---------|-------|
| Sample Card No.: | 1573513 | | Sample No.: | W6-W10 | |
| Material: | - | Ins/Jkt: | Jkt. | Color: | Black |
| Ambient Temp.: | 24 °C | | Humidity: | 50 % RH | |

| | | | | | |
|---|------------------|--------|-------------|--------|--------|
| Weatherometer Conditioning | 720 Hour | | | | |
| Test Start Date/Time: | 2018-05-10/17:00 | | | | |
| Test End Date/Time: | 2018-06-10/17:00 | | | | |
| Actual Aging Temperature: | -°C | | | | |
| | Specimen No. | | | | |
| | 1 | 2 | 3 | 4 | 5 |
| Width of die, mils | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 |
| Thickness of die, mils | 60.4 | 62.7 | 61.1 | 60.7 | 59.5 |
| Area, in ² | - | - | - | - | - |
| Peak load, lbf | 15.50 | 16.16 | 15.76 | 16.33 | 16.85 |
| Tensile strength, lbf/in ² | 1026.2 | 1030.8 | 1032.0 | 1076.2 | 1132.6 |
| Bench marks broke at, in. | 7.08 | 7.00 | 7.00 | 7.21 | 6.74 |
| Elongation, percent | 608 | 600 | 600 | 621 | 574 |
| Did specimen break in gauge mark? | Yes | Yes | Yes | Yes | Yes |
| | Results | | Requirement | | |
| Average tensile strength, lbf/in ² | 1059.5 | | - | | |
| Percent of original | 85.1 | | 85 min. | | |
| Average elongation, percent | 600.6 | | - | | |
| Percent of original | 86.0 | | 85 min. | | |



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| | | | | |
|-----------------------|-------------------|----------|----------|-----|
| Surface Printing: | | | | |
| Print legend | As shown as below | | | |
| Method of printing | Ink | Embossed | Indented | Tap |
| Marking interval, in. | 35.5 | | | |



Table 4 "Detailed Testing Data"



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THE END OF TEST REPORT