
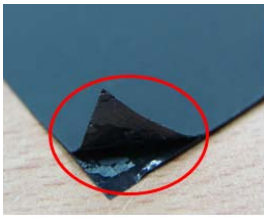

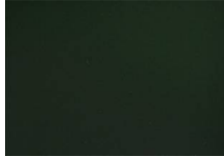
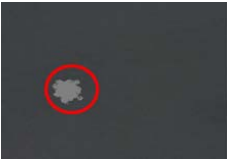
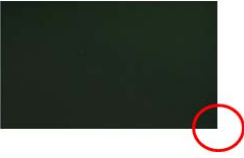



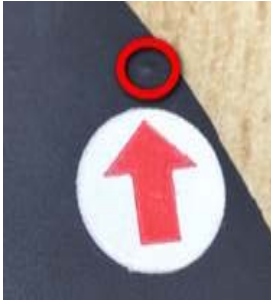


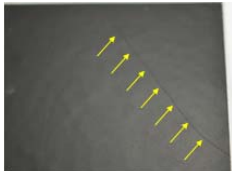




# Fair-Rite Products Corp.

## Flexible Ferrite Sheet


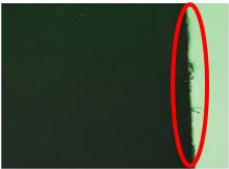
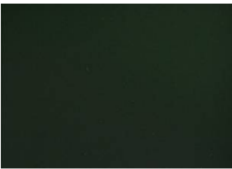





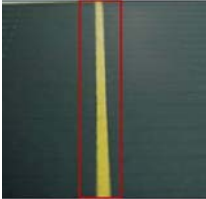

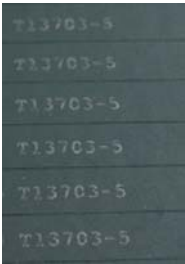

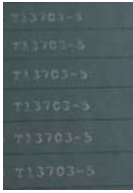

### Visual Inspection Criteria

| No | Inspection item  | OK  | NG   | Judgement                                     | Standard  |
|----|------------------|---|--|---|---|
| 1  | Fitness          | OK<br>   | NG<br><br> | The space between 2 layers shall fit standard | Corner open $\leq 1.0\text{mm}^2$   |
| 2  | Stain            | OK<br>   | NG<br>  | Visible stain or finger print                 | Particle or stain or finger print $\leq 2.0\text{mm}^2$   |
| 3  | Corner Damage    | OK<br>   | NG<br>  | Visible corner damage                         | Damage area $\leq 1.0\text{mm}^2$   |
| 4  | PET Damage       | OK<br>  | NG<br>   | Visible PET Damage                            | Damaged PET is not allowed.   |
| 6  | Bump             | OK<br> | NG<br>  | Bump on surface                               | NiZn material<br>(1) The total number of bumps is within 3 points (inclusive)<br>(2) The length or diameter of a single point $\leq 1.0\text{mm}$<br>(3) Single point + thickness of Ferrite $\leq$ specified thickness |
|    |                  |   |  |   | MnZn material<br>The thickness of bump location should be within spec   |
| 7  | Irregular Crease | OK<br> | NG<br>  | Irregular crease on surface                   | NiZn material<br>Crease is not allowed.   |
|    |                  | OK<br> | NG<br>  |   | MnZn material<br>Crease length $\leq 10\text{mm}$   |

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## Flexible Ferrite Sheet



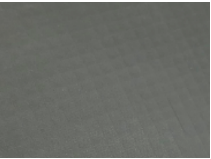


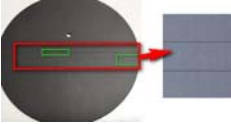
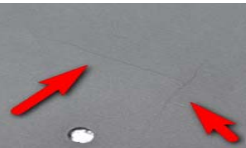



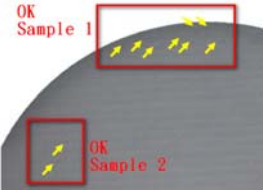




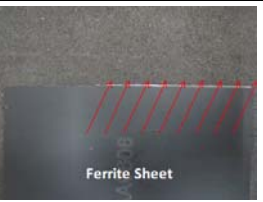
### Visual Inspection Criteria

| No | Inspection item        | OK  | NG  | Judgement  | Standard   |
|----|------------------------|---|---|--|--|
| 8  | Burr                   | OK<br> | NG<br> | Burr at 4 sides  | burr length of 4 sides $\leq 1\text{mm}$   |
| 9  | Cutting of 4 sides     | OK<br> | NG<br> | cutting of 4 sides   | The Verticality of 4 sides must be $90\pm 3^\circ$   |
| 10 | Uneven Surface         | OK<br> | NG<br> | Uneven surface   | <p>Uneven surface is not allowed</p> <p>NiZn material<br/>Uneven surface is not allowed</p> <p>MnZn material<br/>The thickness of uneven location should be within spec, uneven area is not limited.</p> |
| 11 | Back Lamination Length |       |       | Product and back release paper lamination length difference.                 | lamination length difference $\leq 2\text{mm}$   |
| 12 | Adhesion Alignment     |      |      | Adhesion alignment   | Adhesion shift $\leq 2\text{mm}$   |
| 13 | Marking                |      |      | Marking on surface (This examination only applied for products with marking) | <p>No visible abnormal on making is allowed.</p> <p>1. Marking should be at center.<br/>2. Character must be clear.<br/>3. No visible abnormal.</p>  |
| 14 | Glue Residue           |      |      | Adhesion left on surface   | The length of adhesion $\leq 1\text{mm}$   |

# Fair-Rite Products Corp.

## Flexible Ferrite Sheet

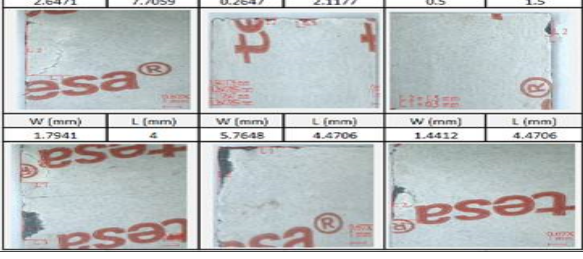





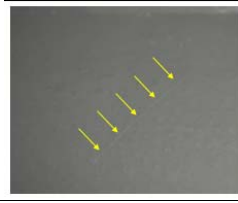

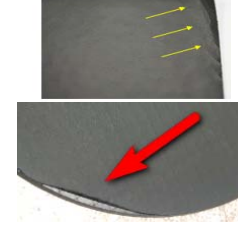



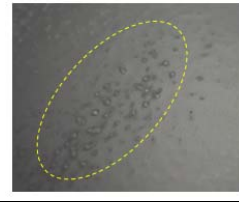
### Visual Inspection Criteria

| No | Inspection item   | OK   | NG  | Judgement   | Standard   |
|----|---|--|---|---|--|
| 15 | Wrinkle   | OK<br>  | NG<br>   | Wrinkle on surface  | The length of adhesion $\leq 1.5\text{mm}$   |
| 16 | Cutting Line  | OK 1<br><br><br>OK 2<br> | NG 1<br><br><br>NG 2<br><br><br>NG 3<br><br><br>NG 4<br> | Surface lines created along the cutting line              | OK: Cutting line on surface found during visual inspection and the following items must be met before they can be accepted<br>(1) Wear gloves to confirm that the cutting line is flat and undented<br>(2) No creases, breakage, cracks on PET surface<br><br>NG 1~NG 2: Cracks along the cutting line is not allowed<br>NG 3: Irregular cracks is not allowed<br>NG 4: Cracks of different depth at the same side is not allowed (such as line 1 is deeper and line 2 is shallower) |
| 17 | Long Dent   | OK<br>  | NG<br>   | Long dent on surface                                      | Long dent $\leq 1.5\text{mm}$  |
| 18 | Dot Dent  | OK<br>  | NG<br>   | Dot dent on surface                                       | OK Sample 1: Dent on sheet edge(1/3 total area)is acceptable no matter dent quantity or dent area<br><br>OK Sample 2: Dent besides sheet edge(2/3 total area) Dent diameter<1.5mm<br><br>NG Sample: Dent besides sheet edge(2/3 total area) Dent diameter $\geq 1.5\text{mm}$ is not allowed   |
| 19 | The edge of releasing paper is not aligned with the sheet<br><br>Note: not applicable to EHBS1698121050 | OK<br><br><br>OK<br> | NG<br><br><br>NG<br>  | The edge of releasing paper is not aligned with the sheet | For back side, the edge of releasing paper is not aligned with sheet $\leq 0.5\text{ mm}$ .<br><br>From front side, the edge of releasing paper is not aligned with sheet $\leq 0.5\text{ mm}$ .   |

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## Flexible Ferrite Sheet


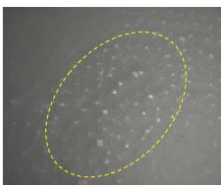

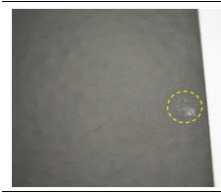





### Visual Inspection Criteria

| No     | Inspection item  | OK  | NG  | Judgement  | Standard   |        |        |        |        |        |        |        |     |     |   |                                     |  |
|--------|--|---|---|--|--|--------|--------|--------|--------|--------|--------|--------|-----|-----|---|-------------------------------------|--|
| 20     | Damage on backing tape<br><br>Note: NOT applicable to EBHS1698121050 | <p>OK1</p> <table border="1"> <thead> <tr> <th>W (mm)</th><th>L (mm)</th><th>W (mm)</th><th>L (mm)</th><th>W (mm)</th><th>L (mm)</th></tr> </thead> <tbody> <tr> <td>2.6471</td><td>7.7059</td><td>0.2647</td><td>2.1177</td><td>0.5</td><td>1.5</td></tr> </tbody> </table>  <p>OK2</p>  | W (mm)  | L (mm)   | W (mm)   | L (mm) | W (mm) | L (mm) | 2.6471 | 7.7059 | 0.2647 | 2.1177 | 0.5 | 1.5 |  | There is damage to the backing tape | <p>(1) If the backing tape is damaged and exposes a length or width of the material <math>\leq 8\text{mm}</math>, it is acceptable. As shown in the OK1 diagram on the left."</p> <p>(2) If the backing tape is damaged but does not expose the material, regardless of the length or width of the damage, it is acceptable. As shown in the OK2 diagram on the left</p> |
| W (mm) | L (mm)   | W (mm)  | L (mm)  | W (mm)   | L (mm)   |        |        |        |        |        |        |        |     |     |   |                                     |  |
| 2.6471 | 7.7059   | 0.2647  | 2.1177  | 0.5  | 1.5  |        |        |        |        |        |        |        |     |     |   |                                     |  |
| 21     | No ferrite under PET   |    |    | No ferrite under PET                                       | No ferrite under PET is not allowed.   |        |        |        |        |        |        |        |     |     |   |                                     |  |
| 22     | Fine scratch on PET  |   |   | For parallel distance 30~60cm, fine scratch on PET surface | For parallel distance 30~60cm, fine scratch on PET surface $\geq 2\text{cm}$ is not allowed.   |        |        |        |        |        |        |        |     |     |   |                                     |  |
| 23     | PET Damage on edge   |    |  | PET Damage on edge   | <p>Visible PET edge bending or damage and any defect marks on a flat surface:</p> <p>(1) Single damage area: length <math>\leq 15\text{mm}</math> and width <math>\leq 2\text{mm}</math></p> <p>(2) Total number <math>\leq 2</math></p> |        |        |        |        |        |        |        |     |     |   |                                     |  |
| 24     | PET surface damage due to friction (foggy 1)                         |    |  | PET surface damage due to friction                         | PET surface damage due to friction $\leq 1.0\text{ mm}^2$<br>Number of damages per piece: $\leq 20$  |        |        |        |        |        |        |        |     |     |   |                                     |  |
| 25     | PET磨擦表面漆料損傷(霧面2)<br>PET surface damage due to friction (foggy 2)     |    |  | PET surface damage due to friction                         | PET surface damage due to friction $\leq 1.0\text{ mm}^2$<br>Number of damages per piece: $\leq 20$  |        |        |        |        |        |        |        |     |     |   |                                     |  |

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## Flexible Ferrite Sheet

### Visual Inspection Criteria

| No | Inspection item                            | OK   | NG  | Judgement  | Standard   |
|----|--|--|---|--|--|
| 26 | PET surface damage due to friction(glossy) |   |            | PET surface damage due to friction                                   | PET surface damage due to friction $\leq 1.0 \text{ mm}^2$<br>Number of damages per piece: $\leq 20$   |
| 27 | PET surface glossy due to friction         |   |            | PET surface become brighten due to friction                          | PET surface damage due to friction $\leq 1.0 \text{ mm}^2$<br>Number of damages per piece: $\leq 20$   |
| 28 | Abnormal sheet edge trimming               |   |            | Under parallel vision, loose PET edge or gap between PET and ferrite | Under parallel vision, loose PET edge or gap between PET and ferrite are both not allowed. Inspector must screen it.<br><br>If above phenomenon is unobservable under parallel vision or observable under magnifier, it is acceptable and able for shipment. |
| 29 | Ferrite damage on edge                     |  | NG 1<br>  | Ferrite damage on edge   | When Ferrite thickness (excluding adhesive + PET thickness) is $\geq 0.5\text{mm}$ :<br><br>NG1:<br>Single point defect area: $\leq 2.0\text{mm}^2$<br>Number of defects per piece: $\leq 3$   |
|    |  |  | NG 2<br> |  | NG2: damage appear on grid scoring side<br><br>Single point defect area: $\leq 2.0\text{mm}^2$<br>Number of defects per piece: not defined<br>Defect position: on one side   |