

8-2 Selecting Test Specimens for Mechanical Strength Measurements 1 of 1

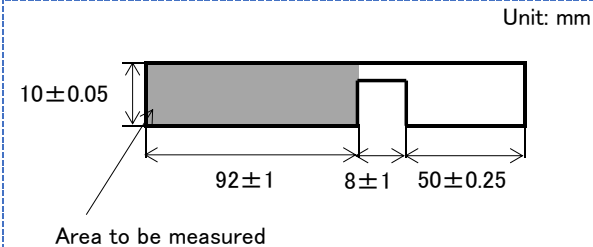
1. Scope of Test

Etched Foil, Formed Foil, Titanium Carbide Coated Foil

2. Mechanical Strength

- 1) Tensile Strength
- 2) Bending Strength

3. Size of Test Specimen



Note: Burr should be 0.01mm or less.

Figure 6

4. Test Specimen Locations

Definition of selecting position for test specimens

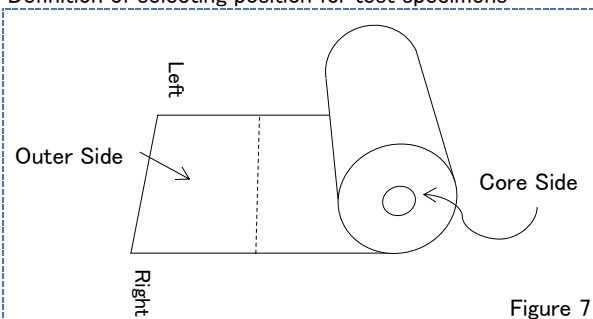


Figure 7

4-1. Etched and Formed Foil for Low Voltage,

Test specimens should be taken from the locations ①~②

- ① for Tensile Strength Test
- ② for Bending Strength Test

Unit: mm

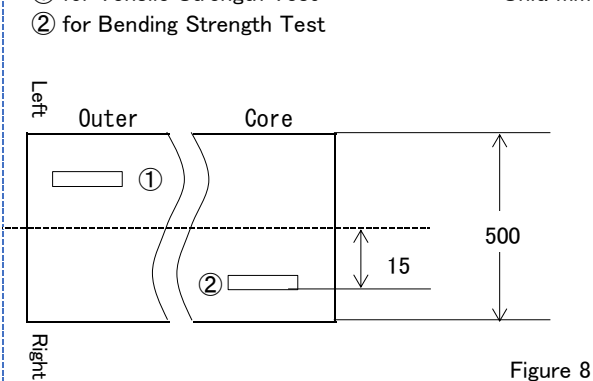


Figure 8

4-2. Etched Foil for Middle to High Voltage

Test specimens should be taken from the locations ①~⑤

- ① for Tensile Strength Test
- ②, ③, ④ and ⑤ for Bending Strength Test

Unit: mm

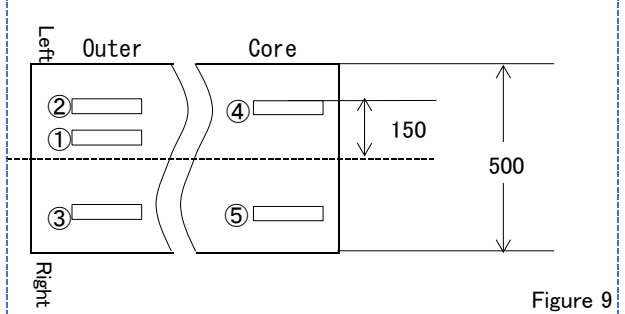


Figure 9

4-3. Formed Foil for Middle to High Voltage and for Photo Flash

Test specimens should be taken from the locations ①~④

- ①~④ for Bending Strength Test

Unit: mm

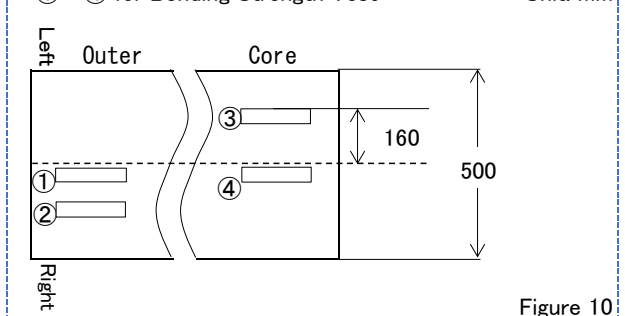


Figure 10

4-4. Etched Foil for Cathode

Test specimens should be taken from the locations ①~④

- ① and ④ for Tensile Strength Test
- ② and ③ for Bending Strength Test

Unit: mm

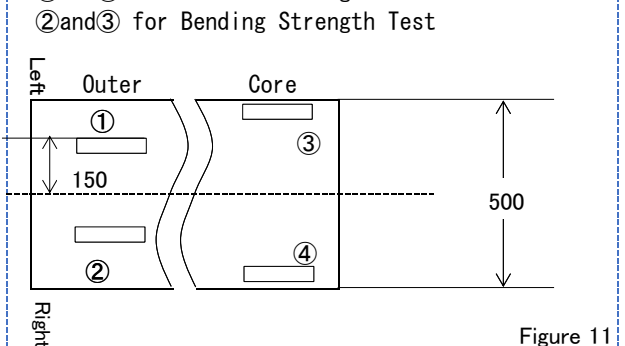


Figure 11

4-5. Formed Foil for Cathode and Titanium Carbide Coated Foil

Test specimens should be taken from the locations ①~②

- ① for Tensile Strength Test
- ② for Bending Strength Test

Unit: mm

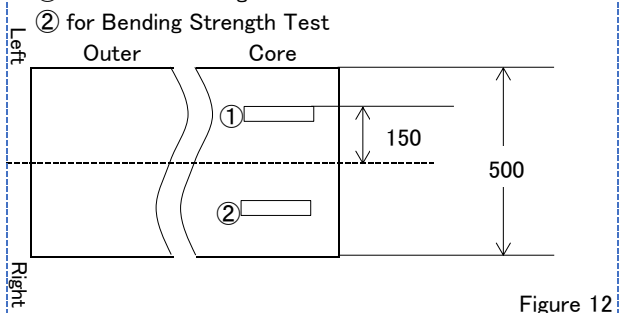


Figure 12