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How to test a safety edge

Requires a Digital Multimeter / Voltmeter

2-wire:

1. Connect either meter lead to the white edge wire and connect remaining meter lead to the black edge wire.
2. Set meter to ohms and observe no continuity with the edge uncompressed.
3. If you get a reading, especially one that fluctuates, inspect the edge for tears or cuts in the cover, as this reading could be indicating the presence of moisture inside the edge and replacement may be necessary.
4. Press the edge at the end nearest the wire outlet and observe a very low reading of normally 20 ohms or less.
5. Press the edge again but at the opposite end of the edge and again observe a very low reading.
6. If you do not get a reading it indicates that something has opened internally.
7. Again, inspect edge looking for damage, such as an impact mark, indicating the edge was clipped by a vehicle or forklift possibly.

4-wire:

1. For a 4 wire edge do the same test as above, connecting one lead to either white edge wire and the other lead to either black wire, additionally, you will need to verify continuity (low ohm reading) from white wire to white wire and from black wire to black wire.
2. If you do not have continuity from white to white or black to black, the edge will need replaced.

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