

Marktek Inc.
Your One-Stop Shop for Conductive, Resistive, & Microwave-Absorptive Materials

Data Sheet for TCS72T/R

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| ID Number: | TCS72T/R |
| Description: | Nylon taffeta (T) or ripstop (R) fabric coated with tin over copper over silver |
| Thickness, mils: | 4 (102 um) ±15% |
| Basis Weight, oz/yd ² | 2.3 (77 g/m ²) ±15% |
| Width, in (nominal) | 52 ±1.5 (132±4 cm) |
| Surface Resistivity, ohm/sq | <0.02 |
| Avg. Shielding Effectiveness between 30 MHz and 10 GHz, db | ~85 |
| Metal Adhesion*: | Pass, no metal loss |
| Abrasion Resistance, cycles*: | 1,000,000 |
| Cold Exposure*: | No cracking |
| Salt Fog Resistance*: | NA |
| Temperature Range, °C: | -40 to 100 (-40 to 212 °F) |
| Master Roll Length, yd.: | 218 (200 m, 1 splice per 109 yds) |

*Metal adhesion, ASTM D3359; Abrasion resistance per ASTM D3885; cold exposure test samples chilled to -45°C, then flexed 180° around a 1/8" diameter rod while at -45°C.

The information provided here is for illustrative purposes only and should not be considered a product specification. As always, it is up to the user of this product to make the final determination as to whether the said product is suitable for the user's intended application.

Rev. 07/18

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