

SURAGUS EddyCus® certified calibration reference sample set for 0.001 - 500 Ohm/sq (SURAGUS manufacturer certification)

Art. ID	SUR-0005-1INCH
Unit	17 pieces (Wafer size: 1 inch)
Deliverydetails	No Dangerous Good /not restricted

Description

THE SET CONTAIN PIECES WITH DIFFERENT SHEET RESISTANCE VALUES COVERING A RANGE THAT REPRESENTS THE ENTIRE BANDWIDTH / SURAGUS guarantees the values for 12 months. Re-certification services are available /// PURPOSE: Calibration of electrical characterization systems / Validation of system accuracy to meet ISO 9001 and ISO/IEC 17025 /// TESTING TYPES AND MEASUREMENT METHODS: Eddy Current / Two point and four-point probe (4PP) / Hall effect measurement/ Van der Pauw /// MATERIALS AND LAYER STACK: SURAGUS developed various layers and layer stacks covering 9 decades of electrical sheet resistance / Each layer is deposited with very high homogeneity. / All samples go through an extensive sample selection and non-contact characterization process / The used layer stacks are optimized towards low aging /// SIZES: Wafer sized samples are offered in 2 inch, 3 inch, 4 inch, 6 inch, 8 inch and 12 inch / 10 x 10 mm, 25 x 25 mm, 50 x 50 mm, 100 x 100, 200 x 200 mm, 300 x 300 mm / Other sizes are on request /// HANDLING: Standards and reference samples come in sophisticated packaging / Non-breakable substrate which is easy and safe to transport /// STANDARDS: SURAGUS manufacturer certification / ISO/IEC 17025 traceable reference samples on request / NIST standards on request /// VALIDATION AND CERTIFICATION: All reference samples run through a complex validation process including non-contact sheet resistance imaging to exclude defects and a comprehensive validation process /// SURAGUS ALSO OFFERS RE-CERTIFICATION SERVICES AND RECERTIFICATION SUBSCRIPTIONS