



ESL ELECTROSCIENCE

CERAMIC TAPES &
THICK-FILM MATERIALS

416 EAST CHURCH ROAD
KING OF PRUSSIA, PA 19406-2625, U.S.A

T: 610-272-8000
F: 610-272-6759

www.electroscience.com

DIELECTRIC COMPOSITION

4926-R

Dielectric Composition Compatible with Ferrite Tape

ESL 4926-R dielectric paste is designed to be co-fired with ESL 40010, 40011 and 40012 Ferrite tape. The 4926-R can be used to increase the breakdown voltage between elements of transformers. The recommended dried print thickness is equal to or greater than 35 micrometers.

PASTE DATA

Rheology:	Thixotropic, screen printable paste
Viscosity: (Brookfield RVT, #6 Spindle, 10 rpm, 25.5 ± 0.5 °C)	12 ± 6 Pa.s
Colour:	Beige
Shelf Life: (25°C)	3 months

PROCESSING

Screen Mesh/Emulsion:	200/37 µm
Leveling Time:	5 - 10 seconds
Drying at 125°C: (Depending upon substrate volume)	5 minutes
Firing Temperature:	885°C
Time at Peak:	180 minutes
Thinner:	ESL 401
Compatible Materials:	ESL 903-J, 903-B conductors, 40010, 40011, 40012 tape

ESL Europe (KOP) 4926-R 0609-A

ESL Affiliates

ESL Europe (Agmet Ltd) • 8 Commercial Road • Reading • Berkshire • England • RG2 0QZ • Tel: +44 (0) 118 918 2400 • Fax: +44 (0) 118 986 7331 • Sales@ESLEurope.co.uk

ESL Nippon • Sukegawa Bldg. • 6th floor • 3-4 Yanagibashi 1-chome • Taito-ku • Tokyo 111, Japan • Tel: +81-3-3864-8521 • Fax: +81-3-3864-9270 • Sales@ESL-Nippon.co.jp

ESL China • Room #1707, Tower A, City Center of Shanghai • 100 Zunyi Road • Shanghai, China 200051 • Tel: +86-21-6237-0336 and 0337 • Fax: +86-21-6237-0338
ESLChina@eslshanghai.net

See Caution and Disclaimer on other side.

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CAUTION: Proper industrial safety precautions should be exercised in using these products. Use with adequate ventilation. Avoid prolonged contact with skin or inhalation of any vapours emitted during use or heating of these compositions. The use of safety eye goggles, gloves or hand protection creams is recommended. Wash hands or skin thoroughly with soap and water after using these products. Do not eat or smoke in areas where these materials are used. Refer to appropriate MSDS sheet.

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