



FEATURING MEMBER COMPANIES OF THE EIC

isovolta, inc.

USSAMICA

USSamica-Isovolta, Inc.

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Officers: Jon Roberts and
Kevin Sheehy, Co-Ceos

August 2003 initiated a new and exciting direction for the long-established USSamica Corporation of Rutland, Vermont. The Isovolta Group, headquartered near Vienna in Wiener Neudorf, Austria, made the strategic acquisition of The USSamica Corporation (now Isovolta, Inc.), confirming its presence and future intentions within North America. As a worldwide leader in the manufacturing of low and high voltage insulating materials, The Isovolta Group identified The USSamica Corporation as an excellent addition to their overall catalogue of products and services.

The Isovolta Group, founded in 1949, is the Electro-Mechanical Insulation Manufacturing division of the privately held parent company Constantia-Iso AG of Austria. Focusing on products such as mica tapes, conductive tapes, non-conductive tapes, flexible and rigid laminates, and specialty composites, The Isovolta Group has become a worldwide fixture for OEMs and repair facilities catering to a myriad of power-generating industries.

Isovolta Incorporated (USSamica) is tremendously fortunate to be the lone North American mica paper manufacturer providing base mica substrates for mica tapes produced in Rutland, Vermont; Graz, Austria; and Romania with additional joint ventures in both Japan and China (all Isovolta Group manufacturing locations). The ability to produce one's own mica paper in-house allows for the vertically integrated control of quality, research, development, cost, and availability, which are key to the ongoing success of this facility. Isovolta Incorporated is in the unique position of being the only mica paper manufacturer in the world, manufacturing five different grades of mica paper under one roof. The five grades of mica paper produced in Rutland, Vermont are Capacitor Grade, Large Flake (also known as Micanite II), Integrated Phlogopite, Integrated Muscovite, and Calcined. Any and all grades of these mica papers can be altered by weight, density, and flake size and can build tolerance for use within mica tapes, flexible mica sheets, and rigid mica laminates. Ultimately, these mica papers are laminated to a variety of substrates such as glass webs, polyester films, polyester webs, polyimide film, and aramide fiber papers. Bonding these laminates together with a variety of epoxies, polyesters, silicones, and other proprietary resins create mica tapes for use within thermal ratings through 105°C (220°F).

While providing mica papers for other internal Isovolta Group Manufacturing facilities, Isovolta Incorporated of Rutland, Vermont is also the North

Extensive Mica Paper Capabilities



isovolta inc.

MICA TAPES AND WRAPPERS



- Silicone Bonded
- VPI Tapes & Wrappers
- Film-Faced Mica Tapes & Wrappers
- B-Stage Tapes & Wrappers
- Flexible Sheet Insulation
- The thinnest mica paper in the world .5mils

American point of contact and distribution center for Isovolt products manufactured outside of North America. The primary base of Isovolt Incorporated's products are mica tapes designed for the insulation of low and high voltage coils (up to 25 kV) in a variety of processable styles, i.e., vacuum pressure impregnation, dip and bake or resin rich-press cured.

Heading up Isovolt Incorporated are co-CEO's Jon Roberts and Kevin Sheehy, sales management by Lance Crow, product management by Scott Montross, engineering by Dana Rackliffe, accounting by Jody Lafaso, and inside sales/customer service by Joanne McCroskey and Courtney Sheehy. The Isovolt Group employs over 1400 employees worldwide, focusing specifically on electrical insulating materials and rigid laminates.



Joanne McCroskey and Courtney Sheehy, Inside Sales/Customer Service