

Eastman FLEXVUE™ films

Innovation and reliability in the face of an ever-changing medical industry

Performance films for advanced point-of-care diagnostics

Be more confident in the process . . . and the results

To improve patient experiences and outcomes, international health care organizations and medical professionals are demanding more accurate, smaller, faster, less intrusive, and smarter solutions. That's why, in the medical market, Eastman Flexvue™ conductive films are trusted wherever precision, quality, performance, and reliability are essential—as they are in point-of-care test strips.

At Eastman, we provide world-class sputtered films and sputtered film alternatives that meet end-users' need for accuracy, while providing brand owners with a menu of choices for tailored applications and lower-cost substitutes. Our research and product development expertise improve point-of-care efficacy and work on staying ahead of the changing requirements of the dynamic global health care industry.

Manufactured to meet customer specifications and slit into narrow widths in environmentally controlled clean rooms, Flexvue operations provide the reliability demanded in the medical field . . . time after time and roll after roll.

Specializing in sputtered films

Flexvue conductive films are the most dependable in the industry, helping to ensure that critical devices work the first time—every time. These films feature cutting-edge vacuum-coated materials and processes to create a variety of flexible electrode products. Our manufacturing and application development expertise allows us to offer tailored electrode films for specialized point-of-care applications; we can also help bring to market new solutions to improve established products, such as blood glucose monitoring test strips.

We are capable of sputtering thin films on flexible substrates with thicknesses ranging from 48 to 1,000 gauge, or 12 to 250 microns. A state-of-the art, clean room manufacturing facility and strict quality controls enable us to provide only the highest levels of consistency for a wide range of performance properties including:

- Coating thickness, 5 to 3,000 angstroms
- Light transmission from 94% VLT to opaque
- Optical density from 0.023 to 4.0
- Sheet resistances from 0.03 to 2,000 ohms per square



The Flexvue difference

- Cost and time savings from reliable manufacturing and less waste
- Speed to market through research and application development support
- Compliance with stringent medical standards
- Demonstrated lot-to-lot consistency
- Increased market share through accurate, less-variable performance
- Better brand experiences
- Superior forward-looking innovation, technical support, and film selection due to Eastman's world-class lab and product research expertise, which works to develop sputtered films tailored to meet the needs of demanding and specialized medical diagnostics applications

Conductive to consistent precision

Flexvue's precise film coatings help meet stringent international medical accuracy specifications. Our films are produced in a clean room environment to ensure consistent quality and yield within a roll and from roll to roll. We employ sophisticated quality control technology throughout the manufacturing process to monitor critical customer specifications and parameters.

Flexvue products can be tailored with a wide variety of conductive materials, processes, substrates, dimensions, and unique specifications—including precious and nonprecious metals or ceramics—in precise widths and thicknesses. By tailoring formulations, we help you unlock elegant solutions that fit your application's specific needs and market goals.

Forward-facing innovation

Eastman has a long history of developing advanced film products for established and emerging technologies alike. Our technological expertise, global reach, and scalable production capacity can help you leverage advanced films to meet

evolving and pressing needs. We are continually working to improve existing products and develop new products, using innovation and best-in-class research facilities to create solutions to the challenges facing the point-of-care medical industry today.

Count on us

With more than 700,000 square feet of manufacturing space designated to the production and enhancement of polymer films, we're poised to meet the growing demand for technologically advanced performance films for the point-of-care medical market. Production capabilities include color dyeing, sputtering, metallizing, release coating, solution coating, laminating, and slitting.

The medical device industry changes rapidly. With Eastman Flexvue™ conductive films, you're ensured of technology that can adapt along with the market. To see how we can advance your vision in point-of-care medical devices, **contact your Eastman representative or visit us at www.Eastman.com/Flexvue**.



Eastman Chemical Company Corporate Headquarters

P.O. Box 431
Kingsport, TN 37662-5280 U.S.A.

Telephone:
U.S.A. and Canada, 800-EASTMAN (800-327-8626)
Other Locations, (1) 423-229-2000
Fax: (1) 423-229-1193

Eastman Chemical Latin America

9155 South Dadeland Blvd.
Suite 1116
Miami, FL 33156 U.S.A.

Telephone: (1) 305-671-2800
Fax: (1) 305-671-2805

Eastman Chemical B.V.

Fascinatio Boulevard 602-614
2909 VA Capelle aan den IJssel
The Netherlands

Telephone: (31) 10 2402 111
Fax: (31) 10 2402 100

Eastman (Shanghai) Chemical Commercial Company Ltd.

Building 3, Yaxin Science & Technology Park
Lane 399 Shengxia Road,
Pudong New District
201210, Shanghai, P.R. China

Telephone: (86) 21 6120-8700
Fax: (86) 21 5027-9229

Eastman Chemical Japan Ltd.

Anzen Building 16F
1-6-6 Moto Akasaka
Minato-ku, Tokyo 107-0051 Japan

Telephone: (81) 3-3475-9510
Fax: (81) 3-3475-9515

Eastman Chemical Asia Pacific Pte. Ltd.

9 North Buona Vista Drive
#05-01 The Metropolis Tower 1
Singapore 138588

Telephone: (65) 6831-3100
Fax: (65) 6732-4930

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