

Anti-reflection Films Produced Utilizing Sputtering Technology Capture 92.8% of the Market Three Products, Including Anisotropic Conductive Films and Optical Elastic Resin, Have the Largest Share of Their Global Markets for Six Consecutive Years

Dexerials Corporation (Headquarters: Shimotsuke-shi, Tochigi; Representative Director and President: Yoshihisa Shinya; hereinafter, “Dexerials”) announces that three of its products have obtained the largest shares of their global markets. According to the "Current Status and Future Outlook of Display-Related Markets 2025" market research report issued by Fuji Chimera Research Institute, Inc. (Headquarters: Chuo-ku, Tokyo; Representative Director and President: Kazushi Tanaka) in July 2025, three products manufactured and sold by Dexerials—Anisotropic Conductive Film (ACF), Anti-reflection film produced utilizing sputtering technology*¹, and Optical elastic resin (SVR)—have obtained the largest shares in their respective global markets*² for the sixth consecutive year since 2019.

Dexerials began operations in 2012*³. Since then, it has supported the evolution of technology by developing products that anticipate social and technological changes. Dexerials develops, manufactures, and sells electronic parts, adhesive material, and functional materials, including optical materials, conducting its business at eight domestic (including subsidiaries) and 11 overseas manufacturing and sales bases.

Anisotropic conductive films (ACF): Our flagship product is used in many products, including laptop computers, smartphones, and automotive displays. As smartphone displays are undergoing an accelerating shift from LCD to flexible OLED, particle-arrayed anisotropic conductive films (ACF) that are made using proprietary technology and which arranges conductive particles in intended positions have become the de facto standard for flexible OLED displays, where higher connection reliability and finer connections are required.

Anti-reflection films: We produce high anti-reflection-performance films by controlling the thickness of the anti-reflection layers at the nano level utilizing sputtering technology. In particular, demand for use in automotive displays, which is defined as a growth area, is growing due to the trend toward larger-area displays.

Optical elastic resin (SVR): This high-visibility liquid adhesive inside displays is easy for customers to work with. In recent years, demand for use in automotive displays has been increasing, and we are further expanding sales in the automotive industry. An example of our efforts in this area is our investment in a German design house*⁴.

Dexerials aims to contribute to the realization of a sustainable society, achieve sustainable growth, and increase corporate value by providing high-value-added products, technologies, and solutions that are essential for the evolution of digital technologies that support the resolution of social issues in the changing social and environment.

*1: A membrane formation technology. The technology squirts argon gas onto a sputtering target in a vacuum so the propelled atoms and molecules adhere to the base material for lamination. It is also used in the manufacturing of semiconductors, etc.

*2: Market Value share basis in 2024.

*3: In 2012, Sony Chemical & Information Devices Corporation changed its company name to Dexerials Corporation and started operating under the new name.

*4: [Dexerials Invests in German Design House SemsoTec Group | Dexerials](#)

■Market Overview Including Market Shares

The sales revenue-based market shares of the Anisotropic Conductive Film (ACF), Anti-reflection film produced utilizing sputtering technology, and Optical elastic resin (SVR) in 2024 are as follows:

1. About Anisotropic Conductive Films (ACF)

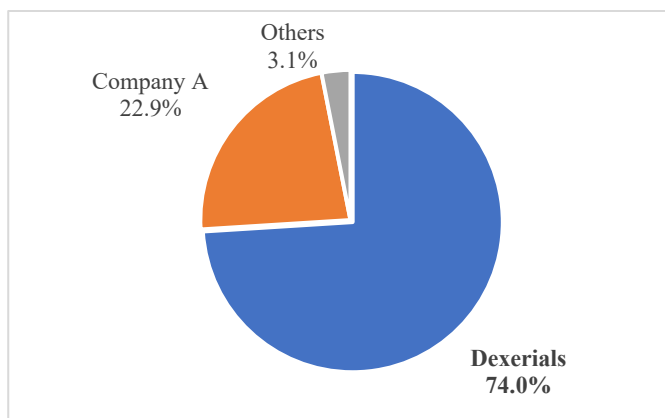
Film type adhesive material that is essential for bonding IC chips and other electronic parts on circuit boards to form a circuit. It has conductive particles dispersed in a thermosetting resin, fulfills the three functions of adhesion, connection, and insulation when applied using heat and pressure, and is capable of being a connector for the opposed terminal while insulating adjacent terminals from one another.

Dexerials' Anisotropic Conductive Film (ACF) is commonly used in mounting IC chips for displays and camera or sensor modules.

Market category in the survey report: ACF

(Total ACFs for larger, medium and smaller sizes.)

Our share of the global market :74.0%



Excerpt from Fuji Chimera Research Institute's market research report

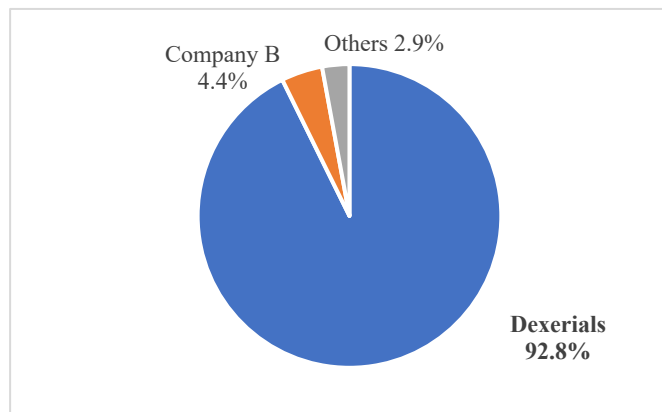
2. About Anti-reflection films produced utilizing sputtering technology

When attached to the top surface of a display, the film reduces the reflectance of light to realize a beautiful, high visibility display. Utilizing sputtering technology, the film forms an anti-reflection layer of metal oxide film to achieve high durability and superior anti-reflection performance.

Dexerials has established a system for efficiently producing rolls of film-type products while ensuring product quality, by adopting a proprietary roll-to-roll sputtering system. Our Anti-reflection film is widely used for automotive displays, laptops, etc.

Market category in the survey report: Surface treatment film (dry coat)

Our share of the global market: 92.8%



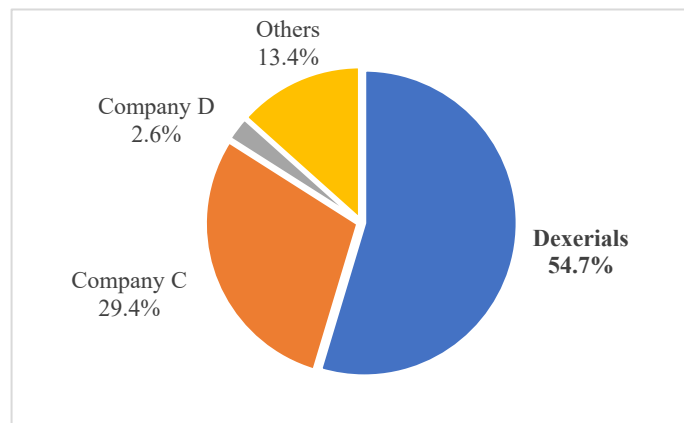
Excerpt from Fuji Chimera Research Institute's market research report

3. About Optical elastic resin (SVR)

A liquid adhesive to fill air gap with display panel indication area and a top plate. Since it has optical characteristics similar to glass, it can minimize the reflectance of outside lights on the boundary face of the top plate and the dispersion of internal light to improve the visibility of the display. Our optical elastic resin (SVR) is widely used in the displays of smartphones, tablet PCs, and automobiles.

Market category in the survey report: OCR

Our share of the global market: 54.7%



Excerpt from Fuji Chimera Research Institute's market research report

<Corporate Profile>

Dexerials develops, manufactures and distributes electronic components, junction materials, optical materials and other functional materials that are indispensable in smartphones, laptops and other electronic devices, in addition to components for automobiles, which are increasingly becoming electronic, making electronics parts ever more indispensable. Also, as a starting point in contributing toward the realization of further growth and a sustainable society, the Company has defined its Purpose: “Empower Evolution. Connect People and Technology.” as explained in the website section [“About Dexerials” under “Corporate Philosophy, Vision and Purpose.”](#)

Company name: Dexerials Corporation

Head office: 1724 Shimotsuboyama, Shimotsuke-shi, Tochigi

Representative: Yoshihisa Shinya, Representative Director and President

Established: June 20, 2012

Official website: <https://www.dexerials.jp/en/>