



MICROMATTER™

Diamond-like Carbon (DLC) Foils

Ordering Information

MICROMATTER™ DLC foils consist of homogeneously distributed carbon nano-particles, which gives them outstanding physical properties. DLC shows high electrical resistivity, remarkable hardness, and good thermal conductivity. In addition, DLC's mechanical strength makes the foils easier to handle and users are reporting that DLC foils are proving to be a superior choice in a number of application.

MICROMATTER™ DLC foils are available in a wide range of thicknesses and sizes. Thin films are generally delivered on a glass substrate coated with a release agent. Foils $\geq 0.5 \mu\text{m}$ can be produced self-supporting.

Product Series	Nominal Size (mm)	On Glass	Self-Supporting	Comments
DLC-11	25x25		√	
DLC-13	25x65	√	√	Standard 1"x3" microscope slide
DLC-23	50x65	√	√	Double slide
DLC-34	70x95		√	Foils for special applications
DLC-46	110x140		√	Foils for special applications

MICROMATTER™ is committed to delivering the highest quality products and providing excellent customer service. Please feel free to contact us for detailed information on our products. Before placing an order, you may find it helpful to read our FAQ documents available at www.micromatter.com. If you require a size or a thickness that is not shown on our **Price Lists**, please contact us for a quotation.

PRODUCT NUMBERS

MICROMATTER™ product numbers for DLC foils are composed of the Product Series, a Thickness Code (in nanometers), and a letter ("G" for films on glass substrates, "S" for self-supporting foils, respectively).

Example:

Product Series	Thickness Code (nm)	On Glass Substrate = "G" Self-Supporting = "S"
DLC-13	2500	S

Product Number DLC-13-2500-S denotes a 25mm x 65mm, self-supporting DLC foil of 2.5 μm thickness.

Please note: Thickness Codes refer to nominal thicknesses. Actual foil thicknesses are typically within 10% tolerance. Although the greatest care is taken during production and handling, foils may have small imperfections.

URGENT ORDERS

Prices are quoted for standard orders, which usually ship within 4 weeks after receipt of order (ARO). If you require more rapid delivery, please request one of our special services:

- Rush orders – shipment 7 - 10 business days ARO, or
- Premium orders – shipment within 3 business days ARO.

Note: Rush orders and Premium orders are subject to surcharges of 30% and 100%, respectively. All urgent orders are subject to availability and must be confirmed by MICROMATTER™.

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