

DIAMOND-LIKE CARBON (DLC) COATINGS

Diamond-like carbon (DLC) is a class of amorphous carbon material typically produced by processes in which high energy precursive carbons are rapidly cooled or quenched on relatively cold surfaces. This process allows reaching a unique combination of high hardness and low friction coefficient.



DIAMOND

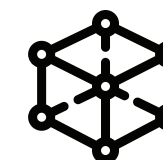
CARBON ATOMS ARRANGED IN DIFFERENT
CRYSTAL STRUCTURES

Very High Hardness



GRAPHITE

Very Low Friction



**DIAMOND-LIKE
CARBON**

CARBON ATOMS AMORPHOUS
STRUCTURE

High Hardness & Low Friction

DIAMOND LIKE CARBON (DLC) COATED TIP TWEEZERS

Having the right tools is crucial for doing great work. What distinguishes our eyelashes extension tweezers? Lightness, precision, outstanding high quality of materials and manufacturing method.

Our **Diamond-like Carbon (DLC)** coated tip tweezers line for eyelashes extension is specifically designed to combine high hardness and resistance with absolute precision through the use of a new bio-compatible super thin coating.

As implied by the name, Diamond-like Carbon (DLC) is known for the ability to provide some of the properties of diamond to surfaces of almost any material.

The DLC coating is applied with a plasma assisted deposition technique where during the coating process, the Diamond-like Carbon film is grown directly on the tips of tweezers (this is not diamond powder bonded on the metal surface) and it has a thickness of only 2 µm to retain high elasticity. The DLC coated tips have the following features:

- High hardness and elasticity
- Extremely high wear and abrasion resistant
- No particulate shedding
- Chemically inert up to 350°C (662°F)
- Bio-compatibility
- ESD safe

The DLC coated tip tweezers are made of stainless steel, corrosion and high temperatures resistant. Lightweight and a favourite among lash artists, these tweezers are superior quality and a delight to use while DLC coated tips make a huge difference giving them a better grip, finer precision and longer lasting.