

FRAME MATERIALS

O MATTER™

Oakley's injection molded thermoplastic O Matter™ frame material provides improved strength and flexibility over traditional acetate, and built to withstand from shifting or deforming over time.



C-5™

To produce the ultra-strong chassis of Oakley wire frames, five metallic compounds are fused into a single C-5™ alloy.



STAINLESS STEEL

The durability of an extremely high strength-to-weight ratio allows us to make stainless steel frames with comfortably thin architecture.



TITANIUM

An ultra-lightweight, virtually indestructible material used in fighter jets, titanium allows Oakley to produce some of the strongest, lightest and most comfortable Oakley frames.





NANO-MATTER™

Oakley's ultra-lightweight durable frame material allows for all-day comfort and resistance to the elements.



CARBON

With durability that comes from decades of research and development in sports innovation, this ultra-lightweight material provides superior comfort and flexibility.



ACETATE

Handmade layered acetate allows for a multitude of rich hues and colors, as well as visual textures, giving this frame material its high-quality look and feel.



ALUMINUM

The high strength-to-weight ratio of Oakley's aerospace-grade aluminum alloy enables the bold styling of sculptural designs in a durable and very lightweight frame construction.



NANOWIRE™

Comprised of incredibly sleek and ultra-lightweight titanium alloy, Oakley Nanowire™ creates sculptural contours without sacrificing comfort or flexibility. Shape-shifting Memory Metal flexes and springs back into place, providing an adaptable fit that borders zero gravity.

