

To quickly identify and select the right material for your application needs, look out for the symbols below indicating the main features of each Gravotech material range:



CO₂ Laserable

Generally applies to acrylic core materials as well as rubber, which can be CO₂ laser engraved and cut. Also suitable for coated or anodised metals. ABS materials can also be CO₂ lasered, although cutting results and lasering quality may vary according to materials and/or colors. Apart from a few exceptions, most CO₂ laserable materials are also rotary engravable.



Fiber Laserable

Generally applies to metals, either bare or coated. A wide variety of plastics can also be fiber lasered.



Rotary engravable (with a rotating cutting tool)

The most versatile engraving technology. Suitable for most plastic materials and metals.



UV Print

UV LED printing material.



Indoor use

Material designed for indoor use which does not require resistance to UV light or changes in the climate.



Outdoor use

Within the limit of technical specifications provided by Gravotech and compliance to standard conditions of use, materials are designed to be resistant to climate and UV variation without significant alteration to its features. Due to wide variety of use conditions, Gravotech cannot assert material shelf-life.



Surface engraving

1-ply, 2-ply or 3-ply materials are either lasered or engraved to expose the core of the material, thereby giving a color contrast between cap (surface layer) and core (base color).



Subsurface engraving (also known as reverse engraving)

Applies to 1-ply and 2-ply clear base materials. The material is lasered or engraved from the back. Once lasered or engraved, the characters and logos can be back-painted to achieve aesthetic color contrast.