

3M社製自動遮光溶接ヘルメット



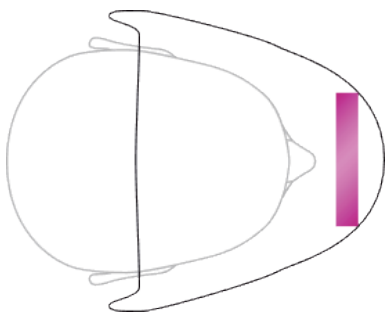
3M™ Speedglas™ Welding Helmet

G-Leaf® が、3M社の溶接用ヘルメットの最新モデル(商品名: 3M™ Speedglas™ Welding Helmet G5-02)に採用されました。曲面形状の自動遮光フィルターを装備した溶接用ヘルメットとしては、世界初となります。透明導電膜付きのG-Leaf®が液晶モジュール基板として使用されています。

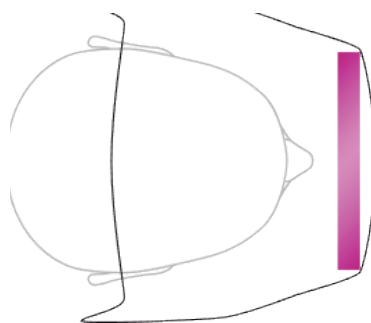
3M™ Speedglas™ Welding Helmet G5-02は、曲面形状の自動遮光フィルターを採用し、広い視野角が得られると同時にコンパクトな形状が大きな特長です。G-Leaf®の薄さゆえのフレキシブル性と超薄板ガラスに高品質な透明導電膜を形成する当社の成膜技術が、曲面形状の実現とヘルメットのスリム化に大きく寄与しました。

G-Leaf® Ultra-thin glass is used in the latest model of 3M Company's welding helmet (brand name: 3M™ Speedglas™ Welding Helmet G5-02). This is the world's first welding helmet with a curved Auto Darkening Welding filter (ADF). G-Leaf® with transparent conductive coatings are used as substrates of the liquid crystal module.

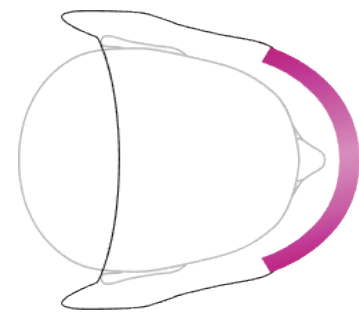
3M™ Speedglas™ Welding Helmet G5-02 with the curved ADF features a significantly wider viewing angle, as well as a compact and lightweight design. The high flexibility achieved due to the thinness and our technology of forming a high-quality transparent conductive coating on Ultra-thin glass have greatly contributed to the curved filter and the more compact and helmet.



Flat ADF in a slim helmet means the ADF needs to be less wide.



Expanded field of view with a flat ADF require a wider helmet.



Curved ADF means a really slim helmet positioned closer to your eyes.

