



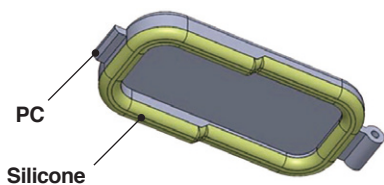
Complex Molding Technology (Products)

Features

- Integrate various materials e.g. metal, resin, TPE, rubber and paper into one molded article.
- Reducing tact time and improve dimensional accuracy.

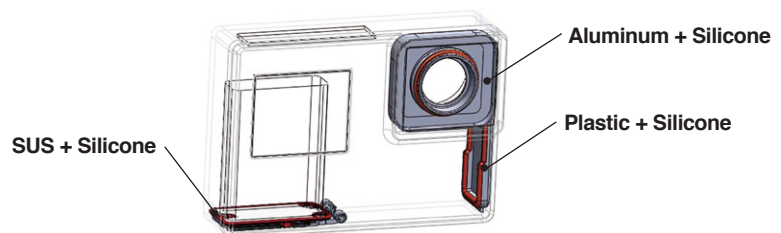
Applications

Consumer Electronics



Application : Smartphone, Camera
 Material : PC+Silicone

Possible to mold gaskets on 3D surfaces to make it waterproof.



Application : Action camera

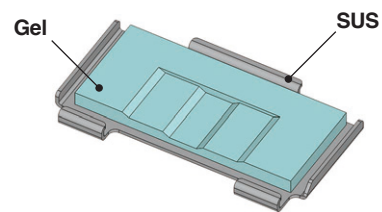
Over-molding with silicone rubber can be waterproof and does not require post assembly with individual molded gaskets.

Mobility



Application : Keyless entry case
 Material : PC+Silicone+Top coat

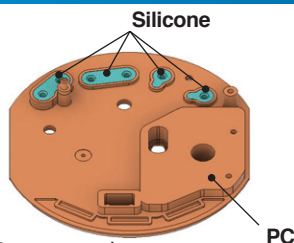
Possible to apply soft touch feeling with rubber over molding.



Application : Harness packing
 Material : Gel+SUS / Film

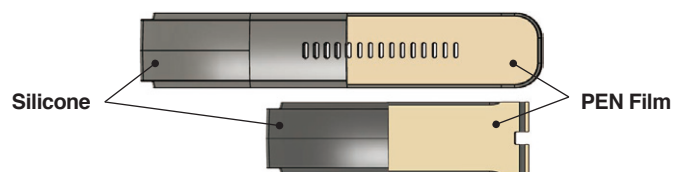
Possible to make 3D structure with gel material. Apply for packing and cushion.

Healthcare



Application : Smart watch
 Material : PC+Silicone

Over-molding with silicone rubber provides high waterproofness rather than post-assembling individual molded gaskets.



Application : Wearable blood pressure monitor
 Material : PEN Film+Silicone

The film is insert molded with silicone rubber which enables to make a non-stretchable band with nice touch feeling. Can be insert molded with other polymers which can add a new function to the band.