

LASER MARKABLE + BONDABLE

RESPIRATORY DEVICE MANUFACTURER CPAP MACHINE COVER

AVIENT SOLUTION

Customized Versaflex™ TPEs

WHY AVIENT?

- Customized formulation to balance mar resistance, flow, and laser marking whiteness and clarity
- Collaborated on tooling improvements to widen processing window and increase yield rate
- Provided application development and on-site technical support to manage short shot, sink marks, burn marks and air trap

LEARN MORE



KEY REQUIREMENTS

- Good aesthetics with high COF for grip functionality
- Chemically bondable to FR PC/ABS down to 1mm
- NCS S 9000-N color suitable for UV laser marking to white
- Good scratch and mar resistance
- Good chemical resistance to detergents, alcohols and bleach
- Pass VOCs & out-gassing in accordance to ISO 18562-3/2:2017