

## *Reusable Face Shield*

**Designed and Manufactured by Flexcim Manufacturing Services Inc. in Edmonton Alberta – with input from local health care workers and support from IRAP-NRC.**

This face shield features a protective visor that shields the user from splashes and debris from above. A comfortable, non-porous forehead strip and a soft elastic strap for size adjustment. All components can be removed, disinfected and reused.

This product considers relevant aspects of CSA A94.3-20, but is not intended to be used as an industrial face shield.



This face shield consists of 4 components:

- 1) A clear shield with good chemical and impact resistance.



- 2) A headband and visor piece that is light, flexible, and durable.



- 3) A soft forehead strip made from a non-porous elastomer that has good chemical resistance.



- 4) A non-porous elastomer strap that allows for size adjustment.



The clear shield attaches to the headband via two snap features shown below:



The forehead strip snaps onto the headband as shown:



The strap attaches permanently to two hooks and is adjusted using a single hook as shown:



All materials have very good chemical and impact resistance. The components are designed to be wiped down with a cleaning agent and reused. All surfaces are non-porous so as not to trap contaminants.