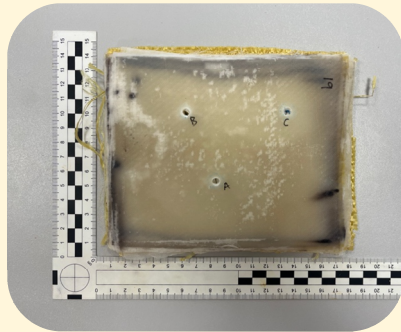
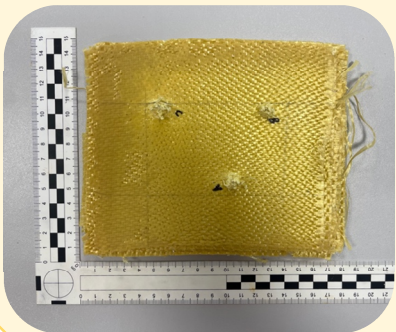
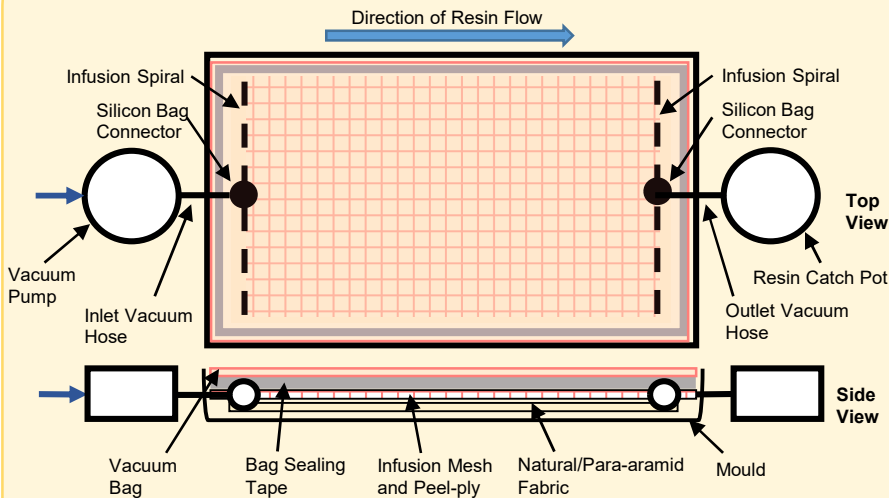


# Development of Sustainable PPE for Higher Threat Clearance Operations by Humanitarian Organisations

## Manufacturing

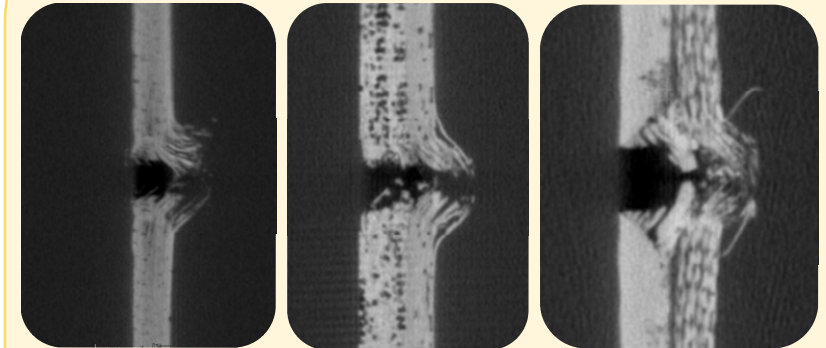


## Testing



- Gas gun at 40 bar pressure ( $V_{in} \sim 357.5ms^{-1}$ ) with 1.102g FSPs.
- $V_{in}$  and  $V_{out}$  values calculated

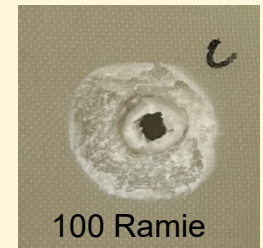
## Analysis



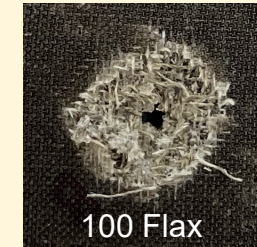
100 Kevlar    50/50 Flax Kevlar    50/50 Ramie Kevlar



100 Kevlar



100 Ramie



100 Flax



50/50 Flax Kevlar