PROTECTIVE COAT – NBC PONCHO

- Lightweight, weight is approximately 500g
- 100% particle tight
- Resists up to 2 bar liquid pressure
- Good permeation resistance for many inorganic chemicals
- Protects against body liquids, micro-organisms
- Available in Desert-Tan and Olive-Green
- Tough, yet lightweight (81 g/m²)

Tychem® C – Barrier Properties

<table>
<thead>
<tr>
<th>Agent Challenge</th>
<th>Breakthrough Time (hours)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid Penetration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unthickened Sulphur Mustard</td>
<td>&gt; 48</td>
<td>No pressure applied</td>
</tr>
<tr>
<td>Thickened Sulphur Mustard</td>
<td>&gt; 48</td>
<td>No pressure applied</td>
</tr>
<tr>
<td>Unthickened Sulphur Mustard</td>
<td>&gt; 48</td>
<td>20kPa for 5 mins</td>
</tr>
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</tr>
<tr>
<td>Lewisite</td>
<td>&gt; 48</td>
<td>Test at 20°C</td>
</tr>
</tbody>
</table>

Military Tychem® C has been tested by the Chemical & Biological Defence Establishment at Porton Down England

Tychem® C for Limited-use Contamination Avoidance Garments

- Total barrier against biological agents
- Medium protection level against chemical warfare agents
- Extremely lightweight

Typical Applications:

- Over-garment for temporary wear when outside collective protection
- NBC Emergency stand-alone protective garment
- Light decontamination suit when worn over a vapor absorbent layer
- Poncho-type protective garment