

PESTICIDES STANDARDS, INCREASED PROTECTION FOR BETTER WORKER SAFETY

Chemical Body Protection



EN ISO 27065

EN ISO 27065: Updated Standard

The standard consists of three levels C1, C2 and C3 with the latter being the highest protection level:

LEVEL	MATERIAL	SEAM
<p>C1 EN ISO 27065</p>	<p>Level C1: - Suitable when potential risk is relatively low. - Not suitable for use with concentrated pesticide formulations. - Can be used as base protective clothing.</p>	<p>Penetration ≤ 40%</p>
<p>C2 EN ISO 27065</p>	<p>Level C2: - Higher level of liquid penetration resistance than Level C1. - Not suitable for use with concentrated pesticide formulations. - Can be used as base protective clothing.</p>	<p>Penetration ≤ 5%, ≥ 80% repellency (Full suit type 6 spray test)</p>
<p>C3 EN ISO 27065</p>	<p>Level C3: - Suitable when potential risk is determined to be high. - May cause heat build-up resulting in heat stress. - Suitable for use with concentrated and diluted pesticide formulations.</p>	<p>Permeation, cumulative ≤ 1 µg/cm²</p>

Chemical Hand Protection



ISO 18889

EN 18889: New Standard

The compliance results are as follows for each category:

Chemical Protective Gloves	Mechanical Protective Gloves
G1	GR
<p>G1 ISO 18889</p>	<p>GR ISO 18889</p>
Low chemical risk	Re-entry activities only
For contact with diluted pesticides	For dry contact or partially dry pesticide residue
Cumulative permeation of Diluted solution of Surrogate Test chemical During 1 hour → max. cumulative permeation = 10 µg/cm² of disperse yellow	Cumulative permeation of Diluted solution of Surrogate Test chemical During 1 hour → max. cumulative permeation = 1 µg/cm² of disperse yellow
	Cumulative permeation of concentrated solution of Surrogate Test chemical During 15 minutes → max. cumulative permeation = 1 µg/cm² of disperse yellow

Visit www.ansell.com/enresourcecenter to learn more about the protection standards for pesticides use.