

well INFORMED well PROTECTED well AHEAD

## PESTICIDES STANDARDS, INCREASED PROTECTION FOR BETTER WORKER SAFETY

## Chemical Body Protection



EN ISO 27065: Updated Standard

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

MATERIAL SEAM

Penetration < 40%

Penetration  $\leq 40\%$ 

C1 EN ISO 27065

C1 pesticide formulations. - Can be used as base protective clothing. Level C2: - Higher level of liquid penetration

Level C1:

LEVEL

- Not suitable for use with concentra pesticide formulations.
- Can be used as base protective clothing.

Suitable when potential risk is

netration ≤ 5%, ≥ (Full suit type 6 % repellency spray test) Chemical Hand Protection



The compliance results are as follows for each category:

8889: New Standard



## Mechanical Protective Gloves

GR





Higher chemical risk

For contact with diluted and

concentrated pesticides

Cumulative permeation of

Diluted solution of Surrogate Test

G2 39

ISO 18889 Re-entry activities only

For dry contact or partially dry pesticide residue

Cumulative permeation of



EN ISO 27065

 Suitable when potential risk is determined to be high.
 May cause heat build-up resulting in heat stress.
 Suitable for use with concentrated an diluted pesticide formulations.

Permeation, Permeation, cumulative  $\leq 1 \mu g/$  cumulative  $\leq 1 \mu g/$ cm<sup>2</sup> cm<sup>2</sup> chemical During **1 hour** → max. cumulative permeation = **10 µg/cm**<sup>2</sup> of disperse yellow

For contact with **diluted** pesticides

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/cm**<sup>2</sup> of disperse yellow Diluted solution of Surrogate Test chemical During 1 hour → max. cumulative permeation = 1 µg/cm² of disperse yellow

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

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