
**Equipment for crop protection — Sprayer
filters — Colour coding for identification**

*Matériel de protection des cultures — Filtres de pulvérisateur — Code
de couleur pour l'identification*

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ISO 19732 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 6, *Equipment for crop protection*.

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Equipment for crop protection — Sprayer filters — Colour coding for identification

IMPORTANT — The colours represented in the electronic file of this International Standard could differ from the true representations when viewed on-screen or printed.

1 Scope

This International Standard specifies the system of colour coding for identification of all types of filters used for the application of crop protection products in agriculture.

2 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

2.1 nominal mesh size

number of complete meshes per 25,4 mm

See Figure 1.

2.2 mesh width

smallest distance between two adjacent wires of the filter netting

See Figure 1.

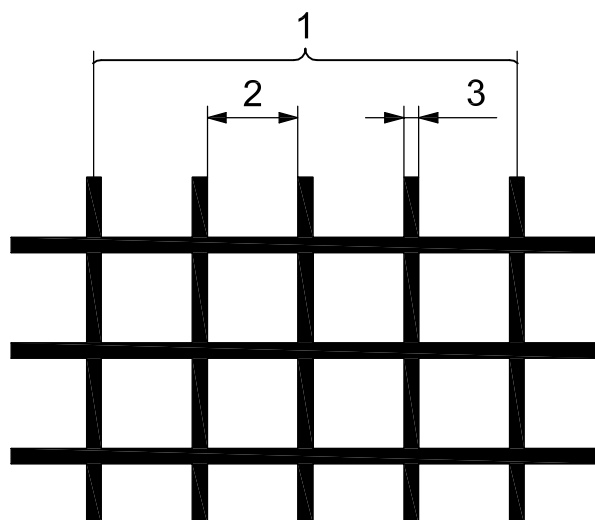
NOTE The mesh width is expressed in millimetres.

2.3 wire width

thickness of the filter wire

See Figure 1.

NOTE The wire width is expressed in millimetres.



Key

- 1 number of meshes
- 2 mesh width
- 3 wire width

Figure 1 — Filter netting
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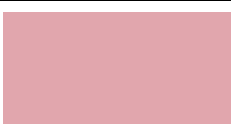
3 Requirements

Filters shall be coloured in accordance with Table 1. If filters are made of plastics, the material shall be uniformly coloured throughout.

4 Colour code for filters

The colour code, based on the nominal mesh size and given in Table 1, shall be used.

Table 1 — Colour code of filters

Nominal mesh size	Mesh width × wire width ^a mm	Colour	Colour description	RAL number ^b
16	1,25 × 0,32 — 1,40 × 0,25		Brown red	3011
25/30	0,45 × 0,32 — 0,63 × 0,16		Flame red	3000
50/60	0,28 × 0,22 — 0,35 × 0,18		Gentian blue	5010
80	0,18 × 0,14 — 0,23 × 0,10		Zinc yellow	1018
100	0,14 × 0,11 — 0,18 × 0,08		Traffic green	6024
150	0,10 × 0,07		Pure orange	2004
200	0,07 × 0,06 — 0,08 × 0,05		Light pink	3015

^a The width of the wire is given for information only.

^b RAL is an acronym used by the Deutsches Institut für Gütesicherung und Kennzeichnung e.V.

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