

**PROTEKU UNI-DIRECTIONAL
CELL DUAL RELEASE
GRAPE GUARD**

33 x 52 cm - 9 gr.

TECHNICAL SHEET

PROTEKU EUROPA S.L.
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TRADE MARK PROTEKU

DESCRIPTION

This Dual Release Grape Guard is formed by one sheet of Polypropylene (PP), a second sheet with complex Polyethylene/paper and a third is white kraft sheet. The grape guard is made with cells, each containing the active ingredient of Sodium Metabisulfite ($\text{Na}_2\text{S}_2\text{O}_5$), which will react to humidity to create SO_2 (Sulfur Dioxide). The SO_2 prevents the development and inhibition of Botrytis cinerea Pers. in grapes, during cold storage and transportation.

TECHNICAL SPECS & ERROR MARGIN

Length	52 Cm	± 0,5 Cm
Width	33 Cm	± 0,5 Cm
Cells	40	
Area	1716 cm ²	
Sodium metabisulfite content in slow release	7,7 gr	± 0,4 gr
Sodium metabisulfite content in fast release	1,3 gr	± 0,1 gr
Sodium metabisulfite total (both ways)	9,0 gr	± 0,4 gr
Weight	28,7 gr	± 0,4gr
Weight per box	7,2	± 0,5 kg

Note: Different dosages can be provided as required.

PACKAGING

Units per box	250
Boxes per pallet	104
Units per pallet	26.000

CLIENT CODE

PALLETIZING

Length	148 cm
Width	109 cm
Height	245 cm
Quantity	104
Net weight per pallet	± 748 kg
Gross weight per pallet	± 843 kg

BOX SIZE

Dimensions	540x365x170
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CONTAINER

Camion	18 Pallets
Container de 40' High Cube	16 pallets
Container de 20'	8 pallets

RAW MATERIALS & ORIGIN

Tyler size	+20	+30	+48	+65	+100	-100
Fast release	0,27	0,58	1,33	5,85	10,9	81,07
Slow release	7,8	35,7	22,2	17,80	8,90	7,6 (*)

(*) : Values given for Esseco (Italy)

MATERIAL TYPE	WEIGHT gr	ORIGIN	GRAMMAGE gr	DIMENSIONS cm	PRINTING
Polypropylene sheet (PP)	4,8	Spain	30	33x52	YES
Polyethylene complex paper	8,9	Spain	12/30/12	33x52	NO
White kraft paper	6,0	Italy	35	33x52	NO
Color print	Burdeos	Spain			

PROTEKU INTERNAL CODE 133529DR

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