

**PLASTIC LAMINATED DUAL
RELEASE GRAPE GUARD**
46 x 35 cm
6 gr

TECHNICAL SHEET



TRADE MARK PROTEKU



DESCRIPTION

This plastic laminated dual release grape guard is formed by one sheet of complex paper with Polythylene (PE) and a second sheet with Polypropylene, both of which are laminated using an special adhesive. A third sheet is non hygroscopic PP nonwoven is added to laminate. The grape guard is laminated and contains the active ingredient of Sodium Metabisulfite ($\text{Na}_2\text{S}_2\text{O}_5$), which reacts to humidity (over 70%) to create SO_2 (Sulfur Dioxide). The SO_2 inhibits and prevents the development of Botrytis cinerea Pers. in grapes during cold storage and transportation.

THECNICAL SPECS & ERROR MARGIN

Width	460 mm	± 5 mm
Length	350 mm	± 5 mm
Cells	0	-
Área	1610 cm^2	-
Sodium metabisulfite content in slow release	5,0 gr	± 0,2 gr
Sodium metabisulfite content in fast release	1,0 gr	± 0,2 gr
Sodium metabisulfite total (both stages)	6,0 gr	± 0,4 gr
Pad Weight	24,6 gr	± 0,5gr
Box Weight	13,1 kg	± 0,5 kg

Note: Different dosages and sizes can be provided as required.

PALLETIZING

Length	1,48 m
Width	1,09 m
Heigth	2,96 m
Quantity	90
Net weigth per pallet	1179 kg
Gross weigth per pallet	1199 kg

BOX SIZE

Dimensions	48x34x22
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PACKAGING

Units per box	500
Boxes per pallets	90
Units per pallet	45.000
CLIENT CODE	

CONTAINER

Container of 40'	8 pallets
Container of 40' High Cube	16 pallets

RAW MATERIALS

	Units of measure for the granulometry of sodium metabisulfite					
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	17,8	8,90	7,6

TYPE SHEETS

	Weight gr	Origin	Grammage	Dimensions	Printing	N° CAS
Polypropylene	4,5	Chile-Peru	28	46x35	SI	EINECS-PM-39090
Polyethylene complex	8,1	Spain-Italy	10/30/10	46x35	NO	9002-88-4
PP non woven	4,0	Spain	25	46x35	NO	9003-07-0
Adhesive	2,0	Brazil-German	-	-	-	141-78-6

PROTEKU INTERNAL CODE

P822

OBSERVATIONS

The Proteku SO_2 sheets must be stored in a cool dry area and avoid contact with sun.

When the packing of grapes is finished every day, the SO_2 sheets should be placed back in the original bag and sealed.

If stored according to instructions the Proteku SO_2 sheets have a shelf life of at least 2 years. After this time the SO_2 sheets must be tested or sent to our Laboratory.

The disposal of our Proteku sheets should be according to official regulations of each country and according to MSDS certificate.