

**POLYETHYLENE
BIDIRECTIONAL CELLS DUAL
RELEASE GRAPE GUARD**
46 x 33 cm
7 gr

TECHNICAL SHEET



TRADE MARK PROTEKU



DESCRIPTION

This polyethylene bidirectional cells dual release grape guard is formed by two sheets of simple paper with Polyethylene (PE) and a third sheet with Kraft white paper. The grape guard is heat-sealed 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	330 mm	± 5 mm
Cells	0	-
Área	1518 cm ²	-
Sodium metabisulfite content in slow release	6,0 gr	± 0,2 gr
Sodium metabisulfite content in fast release	1,0 gr	± 0,2 gr
Sodium metabisulfite total (both stages)	7,0 gr	± 0,4 gr
Pad Weight	28,9 gr	± 0,5gr
Box Weight	12,4 kg	± 0,5 kg

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

PALLETIZING

Length	1,48 m
Width	1,09 m
Heigth	2,44 m
Quantity	72
Net weighth per pallet	890 kg
Gross weighth per pallet	910 kg
BOX SIZE	
Dimensions	47x34x285

PACKAGING

Units per box	400
Boxes per pallets	72
Units per pallet	28.800
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
Polyethylene simple paper	8,3	Spain-Italy	40/15	46x33	SI	9002-88-3
Polyethylene simple paper	8,3	Spain-Italy	40/15	46x33	NO	9002-88-4
Kraft white paper	5,3	Austria-Italy	35	46x33	NO	9003-07-0

PROTEKU INTERNAL CODE

P172

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.