

**BOTTOM PAPER
BIDIRECTIONAL SLOW
RELEASE GRAPE GUARD**
26 x 46 cm
3 gr

TECHNICAL SHEET



TRADE MARK PROTEKU



DESCRIPTION

This bottom paper bidirectional slow release grape guard is formed by two sheets of simple Polyethylene paper (PE), both of which are heat-sealed. The grape guard is bottom paper 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	260 mm	± 5 mm
Length	460 mm	± 5 mm
Cells	0	-
Área	1196 cm ²	-
Sodium metabisulfite content in slow release	3,0 gr	± 0,2 gr
Sodium metabisulfite content in fast release	0,0 gr	± 0,2 gr
Sodium metabisulfite total (both stages)	3,0 gr	± 0,4 gr
Pad Weight	16,2 gr	± 0,5gr
Box Weight	12,1 kg	± 0,5 kg

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

PALLETIZING

Length	1,48 m
Width	1,09 m
Heigth	2,26 m
Quantity	99
Net weigth per pallet	1202 kg
Gross weigth per pallet	1222 kg
BOX SIZE	
Dimensions	47x27x20

PACKAGING

Units per box	700
Boxes per pallets	99
Units per pallet	69.300
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
Simple Polyethylene Paper	6,6	Chile-Italy	40/15	26x46	NO	9002-88-4
Simple Polyethylene Paper	6,6	Chile-Italy	40/15	26x46	NO	9002-88-4

PROTEKU INTERNAL CODE

P420C

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.