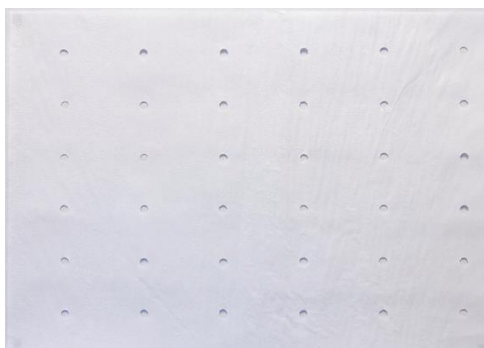


**BOTTOM PAPER  
BIDIRECTIONAL SLOW  
RELEASE GRAPE GUARD**  
**33 x 46 cm**  
**4 gr**

**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  $\text{SO}_2$  (Sulfur Dioxide). The  $\text{SO}_2$  inhibits and prevents the development of *Botrytis cinerea* Pers. in grapes during cold storage and transportation.

**THECNICAL SPECS & ERROR MARGIN**

Width	330 mm	± 5 mm
Length	460 mm	± 5 mm
Cells	0	-
Área	1518 cm <sup>2</sup>	-
Sodium metabisulfite content in slow release	4,0 gr	± 0,2 gr
Sodium metabisulfite content in fast release	0,0 gr	± 0,2 gr
Sodium metabisulfite total (both stages)	4,0 gr	± 0,4 gr
Pad Weight	20,6 gr	± 0,5gr
Box Weight	15,2 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	1507 kg
Gross weigth per pallet	1527 kg
<b>BOX SIZE</b>	
Dimensions	47x27x20

**PACKAGING**

Units per box	700
Boxes per pallets	99
Units per pallet	69.300
<b>CLIENT CODE</b>	

**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	8,3	Chile-Italy	40/15	33x46	NO	9002-88-4
Simple Polyethylene Paper	8,3	Chile-Italy	40/15	33x46	NO	9002-88-4

**PROTEKU INTERNAL CODE**

P430C

**OBSERVATIONS**

The Proteku  $\text{SO}_2$  sheets must be stored in a cool dry area and avoid contact with sun.

When the packing of grapes is finished every day, the  $\text{SO}_2$  sheets should be placed back in the original bag and sealed.

If stored according to instructions the Proteku  $\text{SO}_2$  sheets have a shelf life of at least 2 years. After this time the  $\text{SO}_2$  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.