

**BERRY PAD SLOW RELEASE
GRAPE GUARD
18 x 30 cm
2 gr**

TECHNICAL SHEET



TRADE MARK PROTEKU



DESCRIPTION

This Berry pad unidirectional plastic slow release is formed by one sheet of complex paper with Polyethylene (PE) and a second sheet with Polypropylene, both of which are laminated using a special adhesive. A third sheet is non hygroscopic PP nonwoven is added to laminate. The Berry pad 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	180 mm	± 5 mm
Length	300 mm	± 5 mm
Cells	0	-
Área	540 cm^2	-
Sodium metabisulfite content in slow release	2,0 gr	± 0,2 gr
Sodium metabisulfite content in fast release	0,0 gr	± 0,2 gr
Sodium metabisulfite total (both stages)	2,0 gr	± 0,4 gr
Pad Weight	9,0 gr	± 0,5gr
Box Weight	13,4 kg	± 0,5 kg

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

PALLETIZING

Length	1,48 m
Width	1,09 m
Heigth	2,26 m
Quantity	88
Net weighth per pallet	1179 kg
Gross weighth per pallet	1199 kg
BOX SIZE	
Dimensions	54x36x19

PACKAGING

Units per box	1400
Boxes per pallets	88
Units per pallet	123.200
CLIENT CODE	

CONTAINER

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

RAW MATERIALS

Tyler size	Units of measure for the granulometry of sodium metabisulfite					
	+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	1,5	Chile-Peru	28	18x30	SI	EINECS-PM-39090
Polyethylene complex	3,2	Chile-Italy	15/30/15	18x30	NO	9002-88-4
PP non woven	1,3	Spain	25	18x30	NO	9003-07-0
Adhesive	1,0	Brazil-Germany	-	-	-	141-78-6

PROTEKU INTERNAL CODE

P545

OBSERVATIONS

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

When the packing of berries 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.