

**POLYPROPYLENE
UNIDIRECTIONAL CELLS
DUAL RELEASE GRAPE GUARD**
26 x 46 cm
7 gr

TECHNICAL SHEET



TRADE MARK PROTEKU



DESCRIPTION

This polypropylene unidirectional cells dual release grape guard is formed by one sheet of Polypropylene (PP) a second sheet with complex 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	260 mm	± 5 mm
Length	460 mm	± 5 mm
Cells	0	-
Área	1196 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	21,0 gr	± 0,5gr
Box Weight	11,3 kg	± 0,5 kg

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

PACKAGING	
Units per box	500
Boxes per pallets	72
Units per pallet	36.000
CLIENT CODE	

PALLETIZING	
Length	1,48 m
Width	1,09 m
Height	2,44 m
Quantity	72
Net weight per pallet	814 kg
Gross weight per pallet	834 kg
BOX SIZE	
Dimensions	47x34x285

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	3,3	Chile-Peru	28	26x46	SI	EINECS-PM-39090
Polyethylene complex paper	6,5	Spain-Italy	12/30/12	26x46	NO	9002-88-4
Kraft white paper	4,2	Austria-Italy	35	26x46	NO	9003-07-0

PROTEKU INTERNAL CODE	P280
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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.