

Boltaron 4004 BoltaMask

Polyvinyl Chloride
Boltaron Performance Products

Message:

BoltaMask is a premium grade homopolymer PVC formulated for use as masking film. It is commonly referred to as OVM or "orange vinyl masking." BoltaMask is the lithography industry's overwhelming choice for single burn, multiple burn, multiple layout, and step and repeat layouts. Formulated with unusual optical qualities, this film offers maximum light blocking characteristics, while providing excellent translucency for easy, precise cutting and positioning.

Because of its excellent tear strength and consistent, high density pigment system, BoltaMask offers outstanding stability under intense light, and stores well under normal conditions.

Gauge - .005" -.010"

Colors - Orange, red, light and dark green, amber

Sizes - Sheets to specifications

Rolls - 38" - 501/2"

Sheets - Cut to specification

SUGGESTED APPLICATIONS

Single and Multiple Burn

Multiple Layout

Step and Repeat Layout

Process Color Operations

General Information			
Features	Good Tear Strength		
	Good UV Resistance		
	High Density		
	Homopolymer		
	Opticals		
	Recyclable Material		
Uses	Film		
Appearance	Amber		
	Dark Green		
	Light Green		
	Opaque		
	Red		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	41.4	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	270	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (1.8 MPa, Unannealed)	60.0	°C	ASTM D648
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	< 20		Internal Method
Additional Information	Nominal Value		Test Method
Tape Adhesion	Excellent		Internal Method

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