

## BANNER GUARD®

### ECONOMY 2.0



#### ■ Description

Banner Guard® Economy 2.0 is a 100% virgin pigmented polyolefin film with a printed message on one side.



#### ■ Codes & Standards

Banner Guard® Economy 2.0 conforms to the following safety codes:

- OSHA 29 CFR Part 1910.144 - Safety Color Codes for Marking Physical Hazards
- ANSI Z535.1 - Safety Color Codes
- ISO 3864 - Safety Colours and Safety Signs

#### ■ Features and Benefits

- The ink used to print the material is permanent and cannot be removed by normal handling.
- The material and ink are chemically inert and will not degrade when exposed to acids, alkalies and other destructive substances.
- The material is available in red, orange, yellow and blue. Other colors may be available upon request.

#### ■ Suggested Applications

- An effective method to limit entry to hazardous or restricted areas. Messages are highly visible and ideal for crime scenes, fire scenes, construction sites, industrial locations, roadwork areas, sporting venues as well as any area where crowd control is required.

#### ■ Physical Properties & Typical Values

PROPERTY	ASTM TEST METHOD		U.S. VALUE	METRIC VALUE
Thickness Overall	D-2103		2.0 MIL	0.051 mm
Weight	D-2103		9.6 LBS/1000 FT <sup>2</sup>	4.7 Kg/100 m <sup>2</sup>
3" Load @ Yield	D-882	MD	12.0 LBF	53 N
		TD	10 LBF	45 N
6" Load @ Yield (Calculated Value)	D-882	MD	24 LBF	107 N
		TD	20 LBF	89 N
3" Load @ Break	D-882	MD	24 LBF	107 N
		MD	3150 Psi	21.7 Mpa
Elongation	D-882	MD	600%	600%
Tongue Tear	D-1938		1.8 LBF	8 N
Trapezoidal Tear	D-4533		5.1 LBF	23 N
PPT Resistance	D-2582		9.5 LBF	42 N
Dart Impact	D-1709 (B)		1.2 LBS	0.54 Kg
Printability	D-2578		≥ 40 Dynes	≥ 40 Dynes

The information provided herein is based upon data believed to be reliable. All testing is performed in accordance with ASTM standards and procedures. All values are typical and nominal and do not represent either minimum or maximum performance of the product. Although the information is accurate to the best of our knowledge and belief, no representation of warranty or guarantee is made as to the suitability or completeness of such information. Likewise, no representation of warranty or guarantee, expressed or implied, or merchantability, fitness or otherwise, is made as to product application for a particular use.