

Bay State Cable Ties

America's Leader in Wire Management Products

Material Certificate

Date: 6/6/2011

This is to certify that Bay State Cable Ties, LLC, manufactures with Nylon 6/6.

Specifications and Regulations

ASTM

Conforms to ASTM D-4066 PA 0111

Federal

Conforms to Federal Specification LP-410a

Military

Conforms to Military Specification MIL-M-20693B

FDA

Complies with 21 CFR 177-1500

Our ties are manufactured from Vydyne® nylon resin. The resin is formulated and manufactured to meet the relevant requirements of the U.S. Food and Drug Administration (FDA) regulation 21 CFR 177.1500 and the EC (European Commission) Directive 2002/72/EC (previously 90/128/EC and amendments). All additives used in this material are sanctioned for use in food-contact materials by the U.S. Food and Drug Administration (FDA). The EC Directive (Annex III) lists a Specific Migration Limit (SML) for the following materials that may be contained in this resin: hexamethylene diamine.

There are no limitations placed on the use of this material for food contact applications other than what is suitable for the intended purpose.

UV Resistance

Products made with UV protection meets UV resistance criteria for a minimum of 2 years exposure.

Gamma Radiation Resistance

Nylon 66 (PA66) meets gamma radiation resistance criteria up to 2 MRads.

Parameter	Test Condition
Temperature Index (°C)	UL 746B
Electrical	130
Mechanical w/Impact	75
Mechanical w/o Impact	85
Hot Wire Ignition (Rating) UL 746A	2
UL94 Flammability Class (Rating)	
UL Flame Test	V-2

Country of Origin: USA

Maximum Operating Temp: 185 F / 85 C

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