



LAUNDRY TAG WITHOUT HOLE

These are the rugged tags for laundry and linen management. These RFID tags are designed to meet all requirements in terms of pressure, heat and chemical resistance in the applications of contactless tracking of garments in textile rental and dry cleaning.

Specifications

Product Code U031512

Electrical Characteristics

Air Interface Protocol	ISO/IEC 18000-6C, EPC Global C1G2
Operating Frequency Range	860-960MHz
Read Distance	7-8 inch**, reader power 4W EIRP (Dependent on application)

Physical Characteristics

Diameter	16 mm
Thickness	3 mm
Weight	0.8 gms
Encasing Material*	Special Thermoplastic + Epoxy
Product Code	L091XXX
Color*	Black/White
Quality Assurance	100% read tested

General Characteristics

Ingress Protection	IP68
Operating Temperature	-40°C to +85°C / -40°F to +185°F
Storage Temperature	-40°C to +120°C / -40°F to +248°F 160°C / +320°F (200 cycles of 30min each) 200°C / +392°F (30seconds)

Mechanical Characteristics

		Test Conditions And Remarks
Isostatic water pressure	300 Bars	5 min
	45 Bars	10 hrs
Axial Compression Strength	1000 N	10 sec
Radial Compression Strength	1000 N	10 sec

Chemical Resistance

Typical Chemicals used in Laundry and dry cleaning processes

Additional Services/Options

Pre encoding	On request
Customization	Logo/text printing on request***

* Others on request

** Actual read range may vary depending upon the reader power and environmental factors

** Available as option at extra cost

Contact Omnia Technologies for additional information.

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Omnia reserves the right to change/update any information provided above without prior notice.