

**BIN TAG**  
Transponder  
Special Form

**PART ID:**  
**1021-01-152-00**

Durable DIN30745 compatible RFID Tags, built to withstand the harsh environments of Waste Management.

**Main Specifications**

|                       |                                                               |
|-----------------------|---------------------------------------------------------------|
| Material              | Polyamid                                                      |
| Operating Temperature | -40°C to 85°C                                                 |
| IP Class              | IP67                                                          |
| Compliance            | RoHs & Reach, CE                                              |
| Key Features          | Rough Environment, Versatile, High Durability, Cost-Effective |
| Options               | Logo                                                          |



**Chip Specification (Chip 152)**

|           |                             |
|-----------|-----------------------------|
| Chip      | EM Marin - EM4200/Unique    |
| Frequency | 125 kHz ( LF )              |
| Memory    | UID 64 Bit; Read only       |
| Norm      | ISO/IEC 11784/85 Compatible |

**Full Specifications**

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product ID        | 1021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Name              | BIN TAG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Material          | Polyamid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Shape             | Potted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Short Description | Durable DIN30745 compatible RFID Tags, built to withstand the harsh environments of Waste Management.                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Long Description  | TECTUS Bin Tag passive contactless transponders are ideal for cost-effective waste management. Broadly compatible, they enable pay-as-you-throw and recycling incentive programs, while eliminating error-prone and expensive manual data collection. Each durable Bin Tag transponder offers superior resistance to water, salt mist, mineral oil and petroleum, as well as high tolerance to shock and temperature variations. Each tag installs easily into standard nests, manufactured into most waste bins according to DIN 30745. |
| Key Features      | Rough Environment, Versatile, High Durability, Cost-Effective                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Options           | Logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Article Type      | Special Form                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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|                         |                  |
|-------------------------|------------------|
| Diameter [mm]           | 30               |
| Length [mm]             | 15               |
| Weight [g]              | 6.4              |
| Operating Temp °C (min) | -40              |
| Operating Temp °C (max) | 85               |
| Storage Temp °C (min)   | -40              |
| Storage Temp °C (max)   | 90               |
| IP Class                | IP67             |
| Chemical Resistance     | Not Specified    |
| Flame Resistance        | Not Specified    |
| Mechanical Resistance   | Not Specified    |
| Attachment Method       | Screw/Rivet      |
| Compliance              | RoHs & Reach, CE |

## VARIANTS AND ICS

| ID             | Variant                   | Band | Type          | ISO                         |
|----------------|---------------------------|------|---------------|-----------------------------|
| 1021-01-152-00 | M30x15mm,black            | LF   | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 1021-02-153-00 | M30x15mm,yellow FDX-b BDE | LF   | EM4305        | ISO/IEC 11784/85 Compatible |
| 1021-03-164-00 | M30x15mm,red HDX BDE      | LF   | SIC 279/7999  | ISO 11784/11785 HDX         |
| 1021-04-260-00 | M30x15mm,blue             | HF   | ICODE SLIX    | ISO/IEC 15693 & 18000-3     |
| 1021-06-366-00 | M30x15mm,green            | UHF  | M730          | ISO 18000-6C / EPC Gen2 V2  |