



Three Part Inventory Control Tag

Abrasion Resistant • Custom Designs Available • Attractive Product ID • Durable Product ID

Technical Data Sheet

Part: #WFS- SM-0003

General Description

Three Part Inventory Control Tag



For convenience in logistics and manufacturing applications, William Frick & Company has created a three- part RFID inventory control tag that works as a hang tag, magnetic tag and adhesive label. The three sections are connected by perforations. The printed bar code and human- readable information in each section ensure easy and accurate data collection no matter how the tag is read.

- Hang Tag / Magnetic Tag / Adhesive Label
- Each section is easily pulled apart
- All parts are scuff and tear resistant
- RFID, Barcodes and Human Readable all in one product

Applications

Warehouse, Manufacturing, Barcode Labeling, Outdoor Use

Material Description

The parts can be overlaminated for added chemical, UV and abrasion resistance.

Tear- resistant Polypropylene

Overall Thickness:	0.008 inch
Expected Outdoor Durability:	1-2 years
Service Temperature range:	-70° F - 200° F
Water Resistance:	Excellent
UV Resistance:	Fair
Chemical Resistance:	Very Good

RFID Performance

Providing products with relevant frequencies to different countries and regions

Inlay Type:	UHF Class 1 Generation 2
Inlay Manufacturer:	UPM Raflatac tm
Read Range:	4-10 feet (depending on hardware and environmental conditions)

Adhesive

More aggressive adhesives or removable adhesives can be used to better suit the application.

Permanent Acrylic

Thickness:	2.0 mil ± 10%
Min App Temp:	50° F
Service Temp:	-40° F - 200° F



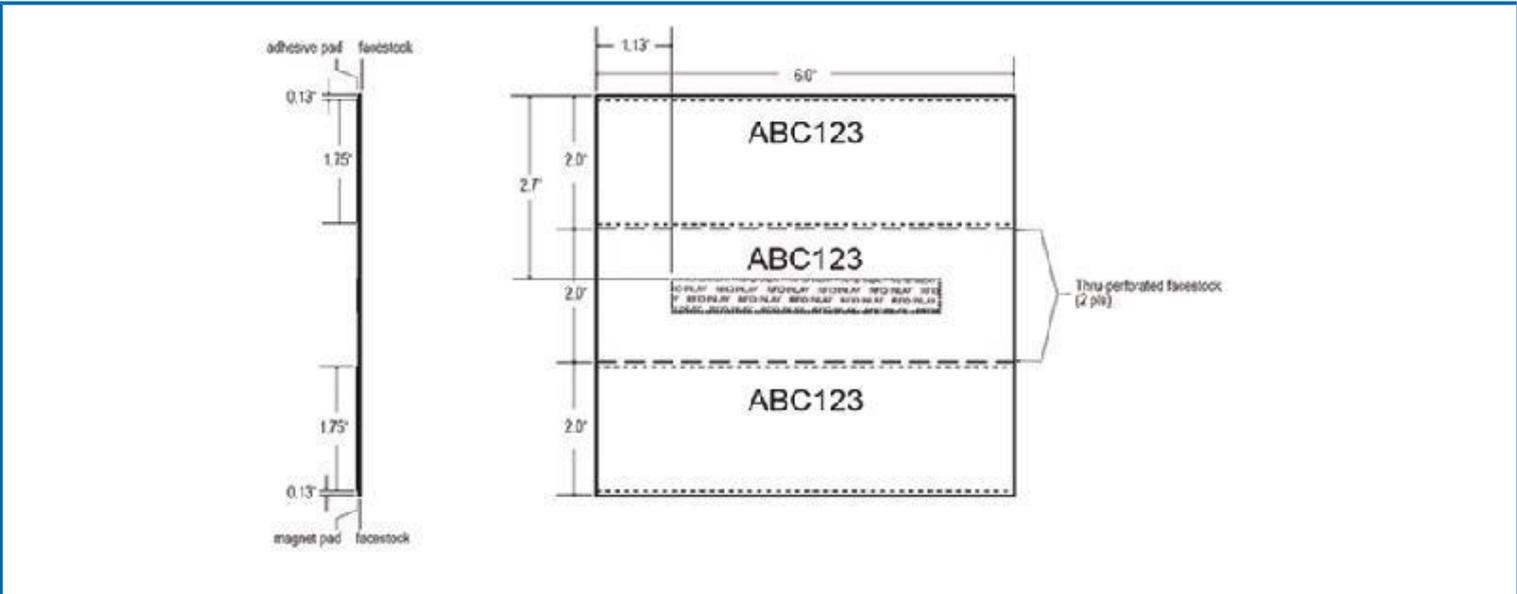
Adhesion to Steel at 72 hr. dwell:	Excellent
Adhesion to LSE plastics:	Fair
Adhesion to HSE plastics:	Very Good

Shelf life

Stored at 70° F and 50% RH

Estimated outdoor life 3-5 years*

* The life of the RFID component may be significantly less than the readable life of the tag/ label to which it is attached



ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED

TOLERANCES
3 PLACE DECIMAL + OR-.005"
2 PLACE DECIMAL + OR-.02"
1 PLACE DECIMAL + OR-.1"

MAX SURFACE ROUGHNESS
ALL MACHINED SURFACES
EXCEPT AS NOTIFIED

BREAK SHARP EDGES AND CORNERS
.010" MAX

Contact No.	William Frick & Co.			www.fricknet.com
DWG.	<h3>Three Part Inventory Control Tag</h3>			
Engr.				
Chk.				
Aprvd.	Size.	DWG No. WFS- SM-0003	Rev.	

Test product for system compatibility as individual application conditions can impact results. William Frick Co. does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or any final product into which the product(s) may be incorporated by the purchaser and/ or user. The purchaser and/ or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.

