



MIL-STD-129 RFID Shipping Labels

- Includes RFID shipping label and buddy label for record keeping
- Read range up to 32 feet
- DOD-96 and MIL-STD-129P compliant
- Custom printing available

Description



Automate your data capture with DoD-96 and MIL-STD-129 compliant RFID enabled shipping labels. DoD-96 is a requirement implemented in 2006 by the department of defense. It requires that shipments of specific items to certain locations must have a passive RFID label or tag attached to them. MIL-STD-129 is a standard that covers what information is required on labels for shipping and storage.

These labels meet both standards, and are easily identified by the cage code and serial number. An included buddy label detaches from liner and allows you to keep a separate set of records. Custom printing and encoding is available.

Additional information



Model Number	WF-SM-43015-DOD-WFCO MIL-STD-129 RFID Shipping Label
Applications	Identification Labeling, Container Tagging, Manufacturing, Product Marking, Warehouse
Material	Polyester
Overall Thickness	3 mil \pm 10%
Temperature Service Range	-40°F to 200°F
Minimum Application Temperature	40°F
Water Resistance	Poor
Solvents Resistance	Fair
Oil Resistance	Poor
UV Resistance	Fair
Adhesive	Permanent Acrylic
Adhesion	Adhesion to Glass at 24 hr. dwell: Excellent, Adhesion to Steel at 24 hr. dwell: Excellent, Adhesion to HSE Plastics: Good, Adhesion to LSE Plastics: Good
Shelf Life	1 Year, Stored at 70F and 50% Relative Humidity

RFID Performance



RFID Protocol	EPC Class 1 Gen 2; ISO 18000-6C
Tag Type	Passive Read/Write
Frequency Range	860 - 960 MHz (Global)
User Memory	512 bits
EPC Memory	96 bits
IC	Alien® Higgs® 3

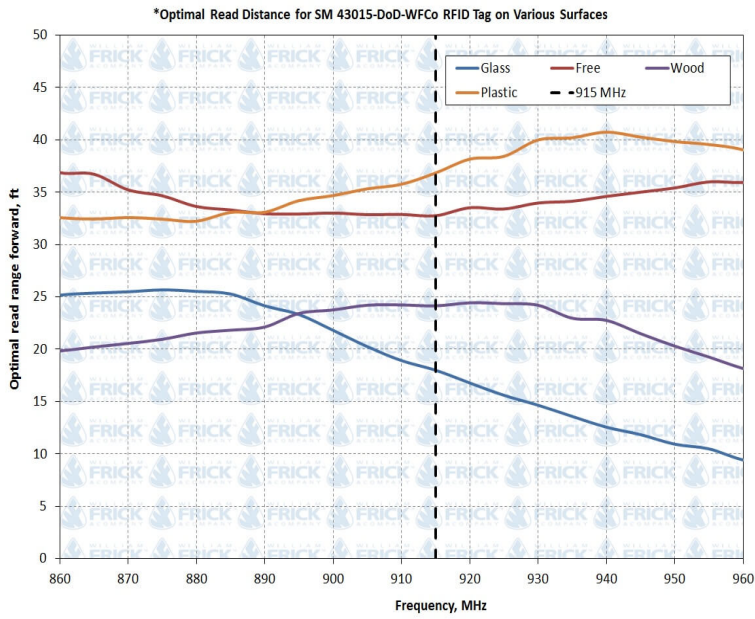
*Other single record and dual record chips available.

Tested Polarization:

Tag performance was experimentally measured in an anechoic chamber with a known set of experimental variables. The antenna used for measurements was linearly polarized and of monostatic configuration. The direction of tested polarization is as follows.



Optimal Read Range* on Different Material Surfaces:



*Tag performance was measured free of material influence. Actual read ranges may differ depending on conditions such as environment, tag placements, hardware, etc.