

RFID Asset Labels - Price Schedule 950

Effective April 2009

RFID Asset Labels

	PRICES PER 100							
	500	1,000	3,000	5,000	10,000	25,000	50,000	100,000
SIZE: 3.80" x 3.80" - XRFID1126 - Single Side Adhesive								
One-Color Style	247.44	169.21	111.80	96.88	85.66	78.95	76.79	73.89
Two-Color Style	253.24	173.88	115.34	99.53	87.65	80.54	78.25	75.24
Three-Color Style	259.05	178.55	118.88	102.18	89.64	82.13	79.71	76.59
SIZE: 3.80" x 3.80" - XRFID1126 - Foam Adhesive								
One-Color Style	262.10	187.57	133.82	118.21	106.50	99.46	97.13	94.31
Two-Color Style	267.90	192.24	137.36	120.86	108.49	101.05	98.59	95.66
Three-Color Style	273.70	196.91	140.90	123.51	110.48	102.64	100.05	97.01

Material: Polypropylene / Inlay: UPM Raflatac Frog

	PRICES PER 100							
	500	1,000	3,000	5,000	10,000	25,000	50,000	100,000
SIZE: 4.5" x 1" - XRFID917 - Single Side Adhesive								
One-Color Style	211.54	133.35	76.42	61.14	49.64	32.96	30.66	29.51
Two-Color Style	216.49	136.06	77.63	62.05	50.33	33.51	31.18	30.01
Three-Color Style	221.44	138.77	78.84	62.96	51.02	34.06	31.70	30.51
SIZE: 4.5" x 1" - XRFID917 - Foam Adhesive								
One-Color Style	234.17	150.81	89.21	73.33	61.38	44.41	42.05	40.86
Two-Color Style	239.12	153.52	90.42	74.24	62.07	44.99	42.57	41.36
Three-Color Style	244.07	156.23	91.63	75.15	62.76	45.54	43.09	41.86

Material: Polypropylene / Inlay: Alien Squiggle™ Gen 2

	PRICES PER 100							
	500	1,000	3,000	5,000	10,000	25,000	50,000	100,000
SIZE: 4.50" x 4.50" (fold to 4.50" x 3") - XRFID1305 - Folded Tab Tag								
One-Color Style	249.11	171.39	114.55	99.27	87.83	71.13	68.83	67.69
Two-Color Style	255.42	175.46	117.13	101.55	89.88	73.04	70.70	69.54
Three-Color Style	261.73	179.53	119.71	103.83	91.93	74.95	72.57	71.39

Material: Polypropylene / Inlay: UPM Raflatac Short Dipole

	PRICES PER 100							
	500	1,000	3,000	5,000	10,000	25,000	50,000	100,000
SIZE: 3.625" x 3.625" - XRFID1372 - Hang Tag								
One-Color Style	242.22	164.15	107.85	92.26	80.56	73.54	71.20	69.61
Two-Color Style	247.99	168.68	111.26	94.78	82.36	74.99	72.52	70.86
Three-Color Style	253.76	173.21	114.67	97.30	84.16	76.44	73.84	72.17

Material: Polypropylene / Inlay: UPM Raflatac Frog

	PRICES PER 100							
	500	1,000	3,000	5,000	10,000	25,000	50,000	100,000
SIZE: 4.75" x 1.75" - XRFID1150 - Hang Tag								
One-Color Style	214.24	138.18	83.16	67.83	56.31	39.57	37.27	36.13
Two-Color Style	219.51	141.20	84.69	69.07	57.31	40.45	38.10	36.93
Three-Color Style	224.78	144.22	86.22	70.31	58.31	41.33	38.93	37.73

Material: Polypropylene / Inlay: Alien Squiggle™ Gen 2

STANDARD RFID PRODUCT CONSTRUCTIONS

Single-Side Adhesive*



- Materials: polypropylene, polyester, polycarbonate
- Print Process: subsurface print
- Print Copy: variable data such as bar code and/or human readable
- Affixing Method: pressure sensitive acrylic and rubber based adhesives
- Applications: fixed asset applications primarily on non-metal surfaces
- Inlays: Alien Squiggle™, UPM Raflatac Frog, Avery Dennison 222, Rafsec Short Dipole, Alien 2 x 2
- Operating Temp: -25°C/-13°F to 65°C/149°F (inlay manufacturer rating)
- Read Range: 18-20 ft using Motorola AR400 reader at 24 dbm**

Foam Adhesive*



- Materials: polypropylene, polyester, polycarbonate
- Print Process: subsurface print
- Print Copy: variable data such as bar code and/or human readable
- Affixing Method: different thicknesses of foam adhesive (3/16" foam is standard)
- Applications: fixed asset application with metal surface or liquid storage container
- Inlays: Alien Squiggle™, UPM Raflatac Frog, Avery Dennison 222, Rafsec Short Dipole, Alien 2 x 2
- Operating Temp: -25°C/-13°F to 65°C/149°F (inlay manufacturer rating)
- Read Range: 5-6 ft using Motorola AR400 reader at 30 dbm**

Hang Tag*



- Materials: polyolefin, polypropylene, polyester, polycarbonate
- Print Process: subsurface print
- Print Copy: variable data such as bar code and/or human readable
- Affixing Method: various mechanical fasteners
- Applications: fixed asset application with metal surface or liquid storage container
- Inlays: Alien Squiggle™, UPM Raflatac Frog, Avery Dennison 222, Rafsec Short Dipole, Alien 2 x 2
- Operating Temp: -25°C/-13°F to 65°C/149°F (inlay manufacturer rating)
- Read Range: 20+ ft using Motorola AR400 reader at 24 dbm**

Folded Tab Tag*



- Materials: polypropylene, polyester, polycarbonate
- Print Process: subsurface print
- Print Copy: variable data such as bar code and/or human readable
- Affixing Method: pressure sensitive acrylic and rubber based adhesives
- Applications: fixed asset application with metal surface or liquid storage container
- Concept: 4.5" x 4.5" label divided into three scored sections with the middle containing the RFID inlay; two of the sections adhere to each other while the third section adheres to the asset being tracked
- Inlays used: UPM Raflatac Short Dipole
- Operating Temp: -25°C/-13°F to 65°C/149°F (inlay manufacturer rating)
- Read Range: 18.5 ft using Motorola AR400 reader at 24 dbm**



* Inlays and product constructions not shown actual size.
** Read range may differ by environment.



STANDARD INLAY INFORMATION

Alien “2 x 2”*



- World Tag: global operation 860 to 960 MHz
- Omni-directional tag
- Square design enables cost effective conversion for vertical labels
- Inlay size: 47mm x 42mm
- Constructions: Single-Side Adhesive, Foam Adhesive, Hang Tag
- Operating Temp: -25°C/-13°F to 65°C/149°F

Alien Squiggle™ *



- World Tag: global operation from 860 to 960 MHz
- Ideal for products containing metal and water
- Inlay size: 97mm x 11mm
- Constructions : Single-Side Adhesive, Foam Adhesive, Hang Tag
- Operating Temp: -25°C/-13°F to 65°C/149°F

Avery Dennison 222*



- Optimized for operation from 866 to 954 MHz
- Superior performance on RF-friendly case contents
- Inlay size: 95.5mm x 8mm
- Constructions : Single-Side Adhesive, Foam Adhesive, Hang Tag
- Operating Temp: -40°C/-40°F to 65°C/149°F

UPM Raflatac Short Dipole*



- Optimized for operation from 860 to 960 MHz
- Ideal for tagging mobile assets such as pallets, cases, and plastic crates
- Inlay size: 93mm x 11mm
- Constructions : Single-Side Adhesive, Foam Adhesive, Hang Tag, Folded Tab Tag
- Operating Temp: -40°C/-40°F to 65°C/149°F

UPM Raflatac Frog *



- Optimized for operation from 902 to 928 MHz
- Ideal for container and pallet management systems
- Inlay size: 68mm x 68mm
- Constructions: Single-Side Adhesive, Foam Adhesive, Hang Tag
- Operating Temp: -20°C/-4°F to 70°C/158°F

* Inlays not shown actual size.

STANDARD TESTING INFORMATION

Chemical Soak Test Results (24 Hours)

Test of label structure and printed image as well as readability of the inlay.

Tag Type	Test Conditions	Result
Standard Hang Tag	Water	Label structure OK, Image Readable, Inlay Readable
	Glass Cleaner	Label structure OK, Image Readable, Inlay Readable
	Bathroom Cleaner	Label structure OK, Image Readable, Inlay Readable
	Alcohol	Label structure OK, Image Readable, Inlay Readable
	Acetone	Delaminated, Inlay Unreadable
	NaOH	Label structure OK, Image Readable, Inlay Readable
Single Side Adhesive	Nitric Acid	Label structure OK, Image Readable, Inlay Readable
	Water	Label structure OK, Image Readable, Inlay Readable
	Glass Cleaner	Label structure OK, Image Readable, Inlay Readable
	Bathroom Cleaner	Label structure OK, Image Readable, Inlay Readable
	Alcohol	Label structure OK, Image Readable, Inlay Readable
	Acetone	Delaminated, Inlay Unreadable
Folded Tab Tag	NaOH	Label structure OK, Image Readable, Inlay Readable
	Nitric Acid	Label structure OK, Image Readable, Inlay Readable
	Water	Label structure OK, Image Readable, Inlay Readable
	Glass Cleaner	Label structure OK, Image Readable, Inlay Readable
	Bathroom Cleaner	Label structure OK, Image Readable, Inlay Readable
	Alcohol	Label structure OK, Image Readable, Inlay Readable
Foam Adhesive	Acetone	Delaminated, Inlay Unreadable
	NaOH	Label structure OK, Image Readable, Inlay Readable
	Nitric Acid	Label structure OK, Image Readable, Inlay Readable
	Water	Label structure OK, Image Readable, Inlay Readable
	Glass Cleaner	Label structure OK, Image Readable, Inlay Readable
	Bathroom Cleaner	Label structure OK, Image Readable, Inlay Readable
Foam Adhesive	Alcohol	Partially delaminated, Inlay Unreadable
	Acetone	Delaminated, Inlay Unreadable
	NaOH	Label structure OK, Image Readable, Inlay Readable
	Nitric Acid	Label structure OK, Image Readable, Inlay Readable