

# Standard Confidex C1G2 Hard Tag Products

	IRONSIDE FAMILY			STEELWAVE FAMILY		CARRIER FAMILY	
	CONFIDEX IRONSIDE MICRO™	CONFIDEX IRONSIDE™	CONFIDEX IRONSIDE SLIM™	CONFIDEX STEELWAVE MICRO™	CONFIDEX STEELWAVE MICRO II™	CONFIDEX SURVIVOR™	CONFIDEX CARRIER TOUGH II™
Product picture							
Size	27 x 27 x 5.5 mm 1.06 x 1.06 x 0.22 in	51.5 x 47.5 x 10 mm 2.03 x 1.87 x 0.39 in	84 x 21 x 10 mm 3.3 x 0.83 x 0.39 in	38 x 13 x 3 mm 1.5 x 0.5 x 0.12 in	38 x 13 x 4.5 mm 1.5 x 0.5 x 0.17 in	155 x 26 x 14.5 mm 6.1 x 1.02 x 0.57 in	115 x 30 x 3.9 mm 4.53 x 1.18 x 0.15 in
Frequency	865-928 MHz	860-960MHz	860-960 MHz	865-928 MHz	865-928 MHz	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)	65-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)
Memory	128 bit EPC + 512 bit	128 bit EPC + 512 bit	128 bit EPC + 512 bit	128 bit EPC + 512 bit	128 bit EPC + 512 bit	128 bit EPC + 512 bit	128 bit EPC + 512 bit
Read range (2W ERP) <sup>1)</sup>	up to 5 m / 16 ft	up to 9 m / 30 ft	up to 8 m / 26 ft	up to 3,5 m / 11 ft	on metal up to 5m/ 16ft off metal up to 1,5 m / 5ft	on metal up to 18 m / 60 ft off metal up to 16 m / 52 ft	on metal up to 12 m / 40 ft off metal up to 11 m / 36 ft
Ambient temperature range <sup>2)</sup>	-35°C to +85°C -31°F to +185°F	-55°C to +105°C -67°F to +221°F +125°C / +257°F Peak 1h duration	-35°C to +85°C -31°F to +185°F	-20°C to +85°C -4°F to +185°F	-20°C to +70°C -4°F to +158°F	-35°C to +85°C -31°F to +185°F	-35°C to +85°C -31°F to +185°F
Special features	- IP68 - On metal - Impact-resistant - ATEX compliant version available - NFC version available	- IP68 - On metal - Impact-resistant - ASS678 compliant - Welding bracket option - ATEX compliant version available	- IP68 - On metal - Impact-resistant - ATEX compliant version available	- IP67 - On and off metal - FSTC <sup>3)</sup> compliant - ATEX compliant version available	- IP67 - On and off metal - Versatile attachment options - NFC version available	- IP68 - On and off metal - Durable screwing with metallic compression limiters	- IP68 - On and off metal - Washable - Thin structure
Order reference <sup>4)</sup>	3000448 - Global M4QT	3000319 - Global M4QT	3000360 - Global M4QT	3000427 - Global M4QT	3000587 - Global M4QT	3000855 - ETSI M4QT 3000856 - FCC M4QT	3001032 – M4QT



ISO 9001:2008  
ISO 14001:2004

<sup>1)</sup> Read range depends on the tag IC, used frequency band, tagged object, reader configuration, reader power, and the environmental conditions. It is recommended to test the actual read range in the final application.

<sup>2)</sup> Tested according to the acceptance tests of Confidex, more information on request. The tag durability should be verified in the final application.

<sup>3)</sup> Financial Services Technology Consortium.

<sup>4)</sup> G2XM = NXP G2XM G2iL = NXP G2iL M4QT= Impinj Monza 4QT™

# Standard Confidex C1G2 Label Products



ISO 9001:2008  
ISO 14001:2004

	SILVERLINE FAMILY — ALL-SURFACE LABELS			CARRIER FAMILY	
	CONFIDEX SILVERLINE™	CONFIDEX SILVERLINE MICRO™	CONFIDEX SILVERLINE SLIM™	CONFIDEX CARRIER™	CONFIDEX CARRIER PRO™
<b>Product picture</b>					
<b>Size</b>	100 x 40 x 0,8 mm 3.94 x 1.57 x 0.03 in	55 x 14 x 0,8 mm 2.17 x 0.55 x 0.03 in	110 x 13 x 0,8 mm 4.33 x 0.51 x 0.03 in	73 x 8 x 0.2 mm 2.87 x 0.31 x 0.01 in	92 x 24 x 0.2 mm 3.62 x 0.94 x 0.01 in
<b>Frequency</b>	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)	860-960 MHz	860-960 MHz
<b>Memory</b>	128 bit EPC + 512 bit	128 bit EPC + 512 bit	128 bit EPC + 512 bit	128 bit EPC + 512 bit	128 bit EPC + 512 bit
<b>Read range (2W ERP)<sup>1)</sup></b>	up to 5 m / 16 ft	up to 1,2 m / 4 ft	up to 4 m / 13 ft	up to 10 m / 33 ft	up to 12,5 m / 41 ft
<b>Ambient temperature range <sup>2)</sup></b>	-35°C to + 85°C -31°F to + 185°F	-35°C to + 85°C -31°F to + 185°F	-35°C to + 85°C -31°F to + 185°F	-35°C to + 90°C -31°F to + 194°F	-35°C to + 90°C -31°F to + 194°F
<b>Special features</b>	<ul style="list-style-type: none"> <li>- IP68</li> <li>- On and off metal</li> <li>- On reel</li> <li>- Works on curved surfaces</li> <li>- Washable</li> <li>- Great compatibility with RFID printers</li> </ul>	<ul style="list-style-type: none"> <li>- IP68</li> <li>- On and off metal</li> <li>- On reel</li> <li>- Works on curved surfaces</li> <li>- Washable</li> <li>- Great compatibility with RFID printers</li> </ul>	<ul style="list-style-type: none"> <li>- IP68</li> <li>- On and off metal</li> <li>- On reel</li> <li>- Works on curved surfaces</li> <li>- Washable</li> <li>- Great compatibility with RFID printers</li> </ul>	<ul style="list-style-type: none"> <li>- IP68</li> <li>- Off metal</li> <li>- Washable</li> <li>- Strong grip on plastics</li> <li>- On reel</li> <li>- Works in close proximity of liquids</li> </ul>	
<b>Order reference <sup>4)</sup></b>	3000702 - ETSI M4QT 3000703 - FCC M4QT	3000908 - ETSI M4QT 3000909 - FCC M4QT	3001015 - ETSI M4QT 3000905 - FCC M4QT	3000394 – M4QT	3000446 – M4QT

<sup>1)</sup> Read range depends on the tag IC, used frequency band, tagged object, reader configuration, reader power, and the environmental conditions. It is recommended to test the actual read range in the final application.

<sup>2)</sup> Tested according to the acceptance tests of Confidex, more information on request. The tag durability should be verified in the final application.








<sup>3)</sup> Financial Services Technology Consortium.

<sup>4)</sup> G2XM = NXP G2XM G2iL = NXP G2iL M4QT= Impinj Monza 4QT™

# Special<sup>4)</sup> Confidex C1G2 Hard Tag & Label Products



ISO 9001:2008  
ISO 14001:2004

	CASEY FAMILY						
	CONFIDEX CARRIER MICRO™	CONFIDEX CASEY™	CONFIDEX CASEY SLIM™	CONFIDEX PINO™	CONFIDEX HALO™	CONFIDEX CAPTURA™	CONFIDEX SURVIVOR B™
Product picture							
Size	40 x 10 x 0.2 mm 1.57 x 0.39 x 0.01 in	92 x 24 x 0.2 mm 3.62 x 0.94 x 0.01 in	97 x 15 x 0.2 mm 3.82 x 0.59 x 0.01 in	75 x 14 x 0.3 mm 2.95 x 0.55 x 0.012 in	60 x 12 x 14 mm 2.36 x 0.47 x 0.55 in	57.5 x 19 x 20 mm 2.26 x 0.75 x 0.79 in	155 x 26 x 14.5 mm 6.1 x 1.02 x 0.57 in
Frequency	860-930 MHz	860-960 MHz	860-960 MHz	860-960 MHz	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)	865-928 MHz	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)
Memory	128 bit EPC	128 bit EPC	128 bit EPC	128 bit EPC + 512 bit	240 bit EPC + 512 bit	240 bit EPC + 512 bit	352 bit EPC + 3072 bit
Read range (2W ERP) <sup>1)</sup>	up to 4 m / 13 ft	up to 9 m / 30 ft	up to 10 m / 33 ft	up to 8 m / 26 ft	up to 8 m / 26 ft	up to 10 m / 33 ft depends highly on application	up to 60 m / 200 ft
Ambient temperature range <sup>2)</sup>	-35°C to +90°C -31°F to +194°F	-35°C to +85°C -31°F to +185°F	-35°C to +85°C -31°F to +185°F	-35°C to +60°C -31°F to +140°F	-35°C to +85°C -31°F to +185°F	-30°C to +70°C -22°F to +158°F	-35°C to +85°C -31°F to +185°F
Special features	- IP68 - Off metal - Washable - Strong grip on plastics - On reel	- IP68 - Off metal - On reel - Works well on glass surfaces - For one time use	- IP68 - Off metal - On reel - Works in close proximity of liquids - For one time use	- IP68 - Optimized for wooden pallet tracking	- IP68 - On metal - Magnetic holder option - Lightweight and compact	- IP67 - Hanging metal applications - Easy and fast to attach - Mechanical and electrical seal	- IP68 - On and off metal - Durable screwing with metallic compression limiters - Powered with Confidex BOOST™ BAP technology
Order reference <sup>3)</sup>	3000574 - G2iL	3000603 - G2iL	3000556 - G2iL	3000392 - M4QT	3000068 - ETSI G2XM 3000069 - FCC G2XM	3000264 - G2XM	3000857 - ETSI EM4325 3000858 - FCC EM4325

<sup>1)</sup> Read range depends on the tag IC, used frequency band, tagged object, reader configuration, reader power, and the environmental conditions. It is recommended to test the actual read range in the final application.

<sup>2)</sup> Tested according to the acceptance tests of Confidex, more information on request. The tag durability should be verified in the final application.

<sup>3)</sup> G2XM = NXP G2XM G2iL = NXP G2iL M4QT= Impinj Monza 4QT™

<sup>4)</sup> Special tags and labels are available on a project basis.