



# CASCADE

cart solutions

a cascade engineering company



## Xtreme Tag® Snap-In

PHYSICAL SPECIFICATIONS	
Tag Dimensions	6.44 L x 1.0 W x 0.24 H inches
Weight	25 grams (0.055 pounds)
Manufacturing Method	Plastics Extrusion
Encasement Material	Polypropylene, rigid
Attachment Method	Snaps into rim of Cascade carts - or - attach with 2 rivets or screws
RADIO FREQUENCY (RF) SPECIFICATIONS	
RF Protocol	UHF, EPC Class 1 Gen 2, ISO 18000-6C
Operating Frequency	860 - 960 MHz (Global)
User Memory	32 bit
EPC Memory	128 bit
Read Range (Typical)	15 feet
Write Distance (Typical)	8 feet
ENVIRONMENTAL SPECIFICATIONS	
Operational Temperature	-40°F to 185°F
Application Temperature	-40°F to 320°F
UV Stabilization	10 Years
Chemical Resistance	Water, Motor Oil, Hydraulic Oil, Dishwashing Detergent, Windex, Gasoline, Isopropyl Alcohol, Mineral Spirits, Acetone, Bleach, 409 Cleaner or Fantastic All Purpose Cleaner, Methyl Ethyl Ketone (MEK), Machine Oil
ENVIRONMENTAL & PERFORMANCE TESTING*	
Ingress Protection (IP) Rating	IP69K
Thermal Shock I In Accordance with IEC 60068-2-14 Test Nb	-4° to 185°F
Thermal Shock II In Accordance with IEC 60068-2-14 Test Na	-40°F to 158°F
Steel Ball Impact Test	1.8 kg ball drop from 1.52 meters 5 times (4 pound ball drop from 5 feet 5 times)

\* Testing performed in an A2LA Accredited Laboratory

## Xtreme Tag Snap-In

The one piece, encapsulated RFID tag that makes all of Cascade's carts **SMART**.

4950 Thirty-Seventh Street SE  
 Grand Rapids, MI 49512-4068  
 Toll Free 1.800.968.CART (2278)  
[www.cascadecartsolutions.com](http://www.cascadecartsolutions.com)

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