



ICE & SNOW BREAKER

ISB

SIMPLE ANSWER FOR LOOMING WINTER PROBLEM

The Metrom Rail tie-mounted Ice and Snow Breaker (ISB) provides a robust, easy-to-install solution for protecting valuable sensors and equipment from damage caused by frozen water collisions. A recycled thermoplastic base provides a stronger, environmentally-friendly alternative to treated ties.

FEATURES

- A robust design prevents damage to track-mounted equipment or sensors by deflecting ice and snow away from a moving vehicle.
- Will fit most standard ties. A simple hardware package change can allow for adaptation to cement or other alternative materials.





ISB ICE & SNOW BREAKER

SYSTEM COMPONENTS

Breaker Base - Machined from recycled thermoplastic, the surface reflects a wood-like finish. While the standard color is black, the unit can be manufactured in nearly any color (with lot-sized order). Each unit includes three sections, one for each segment of the tie.

SPECIFICATIONS

MECHANICAL

PARAMETER	SPECIFICATION
Length (end unit upper)	16.75"
Length (end unit lower)	11.25"
Length (center unit upper)	50.5"
Length (center unit lower)	43.5"
Width (all units)	7.5"
Height (all units)	7.5"

ENVIRONMENTAL

PARAMETER	SPECIFICATION
Operating Temperature Range	-20°C to 80°C
Humidity	80%

HARDWARE

(QTY) SPECIFICATION

- (12) 12" / .5" Diameter Galvanized Steel Lag Bolts
- (12) .5" Galvanized Flat Washers

