



ICE EDGE

ROAD MAINTANENCE PRODUCTS

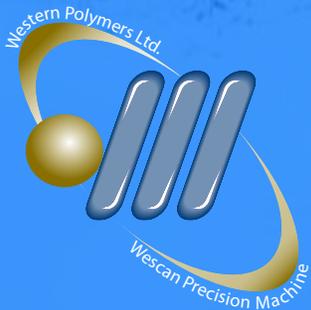


Winter road maintenance offers many challenges to snow removal professionals. Roads and parking lots must be cleared quickly while remaining free from damage. Obstacles such as curbs and medians to speed bumps and manhole covers are susceptible to damage with traditional steel snow plow blades.

Ice Edge polyurethane snow plow blades offer an alternative to steel blades. Our Ice edge snow plow blades have been designed and engineered to be flexible enough to absorb impacts from common road hazards while remaining durable enough to handle all the stresses that a steel blade can.

The Ice Edge Advantage:

- **Custom fit** – Our Ice Edge snow plow blades are custom made to fit any make or model as well as any bolt pattern.
- **Wear Resistant** – Polyurethane snow plow blades have comparable wear to typical steel blades and last 7 – 10 times longer than rubber blades.
- **Quiet in Operation** – Ice Edge snow plow blades are much quieter compared to steel blades making them ideal for use during early mornings while plowing in residential areas or close to hospitals.
- **Flexible** – Our Ice Edge snow plow blades are flexible enough to glide over manhole covers, speed bumps, or any other road hazard you may encounter.
- **Lightweight** – Ice Edge snow plow blades are up to 70% lighter than regular steel blades making them much easier to change when worn out.
- **Reduced Equipment Wear** – Polyurethane snow plow blades help to absorb road impacts therefore preventing equipment damage and reducing driver fatigue.
- **Reduce Waste** – Polyurethane blades eliminate metal shavings that are produced when using steel scraper blades.
- **Non-Stick** – Snow and ice will not build up or stick to Ice Edge scraper blades making them easier to inspect.



For more information call:

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Polyurethane blades have been used by airports for more than a decade and have been gaining acceptance in the snow removal industry as an alternative to steel, polyethylene and rubber edges. Polyurethane blades offer several performance advantages over steel blades and can offer substantial benefits to those in the snow removal industry.



Property (Moca Cured)	Measurement
Hardness	95A
Tensile Strength (PSI)	7200
NBS Abrasion Index	280
Brittleness Temperature C	-105
Compression Set %	25
Tear Resistance (PLI) Die C	650

Sparkless:

Metal blades produce hundreds of sparks that can be dangerous to use in certain conditions. Sparks produced when using metal blades are sufficient to ignite diesel, gasoline, jet fuel, glycol or other flammable substances. Ice Edge polyurethane blades are sparkless and are safe to use in the presence of jet fuels, glycol and other flammable chemicals.

FAA (US) regulators strongly suggest airport snowplows be equipped with polymer scraper blades.

Product	Abrasion Resistance	Weight	Cut Tear Resistance	Corrosion Resistance	Low Vibration	Noise	Resiliency	High Speed (70 km +)
Polyurethane	Very Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Poor
Rubber	Poor	Very Good	Poor	Very Good	Excellent	Excellent	Poor	Poor
Steel	Excellent	Poor	Excellent	Poor	Poor	Poor	Poor	Good
Polyethylene	Poor	Excellent	Poor	Good	Poor	Good	Poor	Poor
Steel/Carbide	Excellent	Poor	Excellent	Poor	Poor	Poor	Poor	Excellent

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