



THE RATTLER

DESIGNED TO BEND. ENGINEERED TO HOLD.

The Rattler – Concrete Reinforcement Support Specification Sheet

Overview

The **Rattler** is a **patented, continuous reinforcement support** designed to **increase efficiency, improve safety, and enhance slab strength**. With its **flexible, tip-proof S-shape design**, The Rattler adapts to **various reinforcement layouts**, reduces labor time, and ensures **flawless concrete flow** for superior slab performance

Material & Physical Properties

Property	Value	Test Method
Density	0.905 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	20 g/10 min	ASTM D1238

Mechanical Performance

Property	Value	Test Method
Tensile Strength (Yield)	3,500 psi	ASTM D638
Tensile Elongation (Yield)	7.00%	ASTM D638
Flexural Modulus	160,000 psi	ASTM D790

Impact Resistance

Property	Value	Test Method
Notched Izod Impact (73°F)	2.0 ft-lb/in	ASTM D256

Hardness & Durability

Property	Value	Test Method
Rockwell Hardness (R-Scale)	86	ASTM D785

Thermal Resistance

Property	Value	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	200°F	ASTM D648

Key Features & Benefits

- ✓ Faster Installation – Cuts labor by 75% with "Walk, Drop, and Go" placement.
- ✓ Tip-Proof S-Shape – Locks reinforcement in place and becomes more secure under pressure.
- ✓ Customizable & Flexible – Bends to fit curves and tight spaces (down to 5" circular bases).
- ✓ Optimized Concrete Flow – Voids prevent air pockets, creating stronger, uniform slabs.
- ✓ Lightweight & Durable – Easy to handle, yet strong enough to withstand heavy loads.
- ✓ Made in the USA – Crafted from 100% recycled plastic for sustainability & performance.



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www.therattlerchair.com



MADE IN

