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Products & Services

Vail Rubber Works, Inc. is a leading full service roll company operating in St. Joseph, Michigan, founded in 1904 offering:

- ISO 9001-2000
- 100+ years in business, family-owned and operated
- Rubber formulations compounded in-house:
 - Silicone, Viton, Neoprene, Hypalon, Nitrile, EPDM, SBR, Natural
- Polyurethane
 - Ester-based, Ether-based, MDI, TDI
- Roll Coverings and Design
- Polyurethane Pads, various shapes
- Machine Shop capabilities in-house:
 - Strip, inspect, and advise reporting
 - Non-destructive testing
 - Ultrasonic, Magnetic Particle, Liquid Dye Penetrant
 - Thermal Spray Coatings
 - Resurfacing for wear, corrosion and thermal barriers
 - HVOF repairs and services
 - Metal repair – complete refurbishment
 - TIG & MIG welding
 - Shafts, Heads, Barrel
 - ID, OD bearing, seal, coupling surfaces
 - New Roll Cores
 - Roll drilling – suction/blind drilled rolls
 - Millwright Services
 - Bearing and Coupling disassembly/reassembly, cleaning, inspections
 - Roll Core Drawings and Design
- Non-woven Roll Coverings, including the Japanese Masroll product
- Vail Rubber owned and operated truck fleet
 - Heated truck trailers
- Technical Services Team
- Applications Sales Specialist Team
- 100+ employees
- 3-shift shop operation
- Serving Metal, Paper, and a variety of Industrial accounts
- Rolls 61” in diameter, 344” OAL, 10 tons in weight in St. Joseph
- Midwest Service Division, Middletown OH location
 - Specialists in mechanical paper mill roll rebuilds and regrinding.
 - Rolls up to 60” in diameter, 364” OAL, 30 tons in weight in Middletown.
 - Suction Roll and Variable Crown Roll rebuilds; Headbox lips repair or replace.
 - Journal repair and/or replacement.
 - Close tolerance grinding of rubber, poly, steel, granite, composite and chilled iron rolls.
 - Supplying all designs of Suction Roll seal strips, Deckle Packing and Air Tubes.

VRW Products & Services

The right roll covering solution for your paper, metal or industrial process.