



Products & Services for the Industrial Conveyor Belt Industry

CONVEYOR BELT

IDLERS AND PULLEYS

SKIRTBOARD AND SCRAPERS

BELT FASTENERS

CHUTE LINING & RUBBER REPAIR KITS

INDUSTRIAL HOSE & FITTINGS

History



Conveying Products That Move Industry

RW Connection knows first hand that keeping your line running smoothly is essential, no matter your industry. This means providing quality assemblies, fast delivery with robust, localized inventory. Our stock lines of hose, conveyor belt, gasket and industrial supplies are supported with in-house and on-site fabrication capability to meet or exceed industry standards. With ten locations serving the Northeast and Mid-Atlantic regions, RW is ready to deliver.

Our goal is not just to offer high-quality products but the full array of services that complement them. Our team of product experts will survey your systems. Utilizing our proprietary conveyor belt software and ultrasonic gauge testing, RW provides tailored recommendations that help lower your procurement costs and maximize your product life. In the field, our services include hose installation, hydrostatic testing and routing; conveyor belt installation, splicing and vulcanization; vendor managed inventory programs and documented cost savings. Please ask your representative or visit our website to learn more.

RW Connection is more than product. We are service, experience and proven solutions.

**SINGLE PLY • MULTI PLY • PVC • URETHANE • CLEATED
INCLINE • RUBBER ROUGH-TOP • DIAMOND-TOP •
THERMOPLASTIC/MONOFILAMENT**



Lightweight

Your toughest belting demands industrial strength resistance to oil, grease, vegetable acids, and chemicals. They may need to operate at extreme high or low temperature -- with low stretch, high fastener holding ability and superior rip, tear and gouge resistance.

We've got you covered.



CONVEYOR BELT

Food Belting

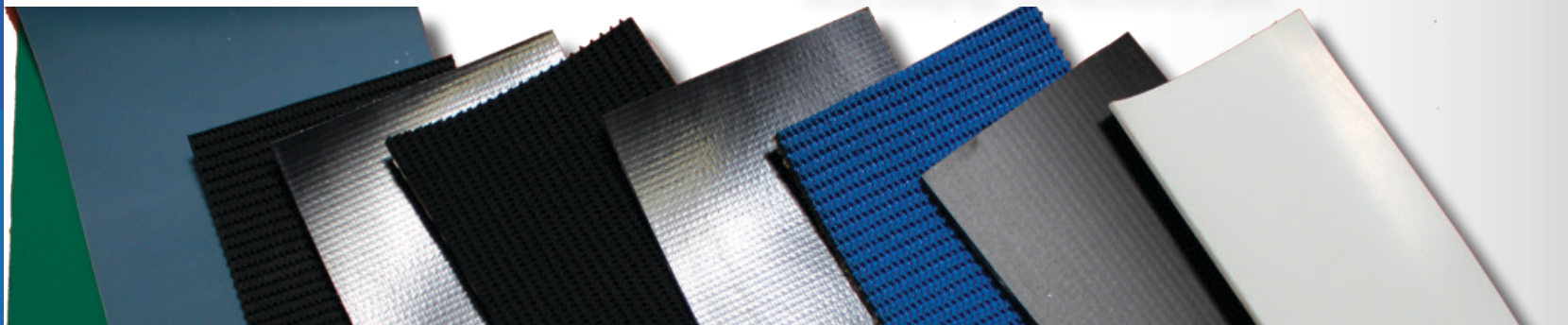
Our Foodgrade, USDA, FDA monofilament carcass is industrial grade and 100% synthetic. The monofilament provides for flat running and easy tracking with torsional rigidity. Single ply construction, there's no cover or ply separation. Cleats and Molded Lugs are available in white F.D.A. or black oil-resisting nitrile compound, black SBR rubber, or black/white butyl. They are fully hot molded into the belt surface, not cold bonded or cemented on.

Package & Bulk-Handling

Our PVC solid woven and Rubber Rough Top is the longest wearing most economical and least troublesome belting available today. Constructed of a single ply interwoven and a double ply carcass impregnated and covered with polyvinyl-chloride or SBR gum rubber. With resistance to moisture, rot, mildew and wicking—our PVC and Rubber Rough Top is standard for distribution centers, bulk handling, forest products and many more applications.

Recycling Industry

Our polyurethane belts are specially formulated for superior resistance to abrasion, rips, tears and gouging. With our versatile fabrications (such as corrugated sidewall), small pulley requirements and ease of splicing -- our belts are ideal for sorting, handling cullet glass, metal stampings, and mechanical parts.





VIKING

Heavyweight

CONVEYOR BELT

Our own Viking® line of belt is manufactured Tough and Tested Tough on over 400 miles to date in some of the most torturous applications...

VIKING® PREMIUM Belt uses premium polyester/nylon fabric in the belt carcass with a full 10 to 1 break strength for minimum stretch, maximum fastener retention and superior load support.

The Grade II SBR/Natural **PREMIUM** rubber compound exceeds RMA 2 specifications and even approaches RMA 1, which results in a “best buy” for handling abrasive materials like **limestone, crushed rock, coal, sand and gravel**. Heavy rubber skins and high adhesion between plies team with a heavy overall gauge to make an exceptionally impact resistant, long-lasting conveyor belt.

2 PLY 220 VIKING® PREMIUM 3/16 x 1/16
stocked in 18-60” widths

3 PLY 330 VIKING® PREMIUM 3/16 x 1/16
stocked in 24-60” widths

3 PLY 330 VIKING® PREMIUM 1/4 x 1/16
stocked in 24-60” widths

4 PLY 440 VIKING® PREMIUM 1/4 x 1/16
stocked in 36-48” widths

3 PLY 330 HOT VIKING® 700 Degree 3/16 x 1/16
stocked in 24-36” widths

2 PLY 220 VIKING® ASPHALT 350 Degree 3/16 x 1/16
stocked in 20-36” widths

ASK YOUR SALES REPRESENTATIVE ABOUT OUR PROPRIETARY SOFTWARE PROGRAM THAT INPUTS DATA FROM YOUR CONVEYOR TO RECOMMEND THE BEST BELT FOR YOUR APPLICATION.



**IMPACT RESISTANT • LOW-STRETCH •
SUPERIOR LACE RETENTION • HIGH COVER ADHESION •
OUTSTANDING TROUGHABILITY**

SINGLE PLY • TWO, THREE, AND FOUR PLY • HOT BELT CLEATED INCLINE • CORRUGATED SIDEWALL

The Covers

Grade 1 • Premium rubber compound. Conveying sharp, abrasive materials.
General Purpose • Aggregates and above-ground mining operations.
Fire Resistant • Designed to MSHA standards for underground mining.
Fire/Oil Resistant • Designed for substances like oil-treated coal in power plants.
Moderate Oil Resistant • "MOR" is recommended for wood chips or whole grains.
Super Oil Resistant • "SOR" is recommended for oil metal parts/crushed soybeans.
Ultra-Guard • Specifically engineered for whole grain products like wheat/cotton seed.
Moderate Heat • Hardening, cracking & ozone resistant -- up to 300°F
Heat Resistant • Hardening, cracking & ozone resistant -- from 350-400°F
Oil/Heat Resistant • Flexible at 350°F; hot asphalt paving mix, oil extractors, etc.
SOR-Fr • Premium elastomer that also meets MSHA 2G flame retardant standards.

SUPER HEAVY DUTY CONVEYOR BELT:

Designed and built to compete with the most popular "Tier 2" belts as described by the Rubber Manufacturers Association. The Poly/Nylon carcass is designed to handle light aggregate, coal, wood chips and other materials that do not require high impact resistance but favor dependability.

HEAVY DUTY CONVEYOR BELT:

A general purpose, economic option of high-performance belt available in two-, three- and four-ply constructions.

2 PLY 160 VIKING® SHD 1/8 x 1/16

stocked in 18-60" widths

2 PLY 220 VIKING® SHD 3/16 x 1/16

stocked in 18-60" widths

3 PLY 330 VIKING® SHD 3/16 x 1/16

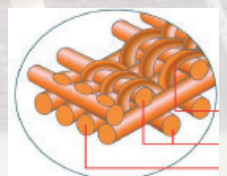
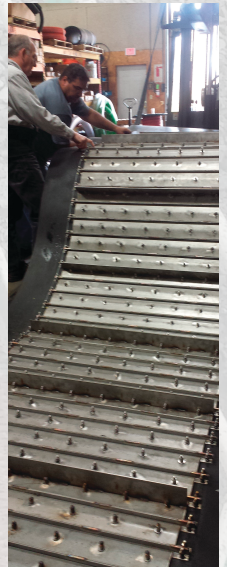
stocked in 24-60" widths

3 PLY 330 VIKING® SHD 1/4 x 1/16

stocked in 24-60" widths

ROCKQUEST®

- One or two ply belt's reinforced carcass construction.
- Synthetic carcass and heavy duty RMA Grade I covers
- Ideal for quarries, log handling, cement industry, recycling, automobile shredding, heavy metal scrap mining or construction.
- Bolt-Holding capabilities for buckets and mechanical fasteners.





Fabrication

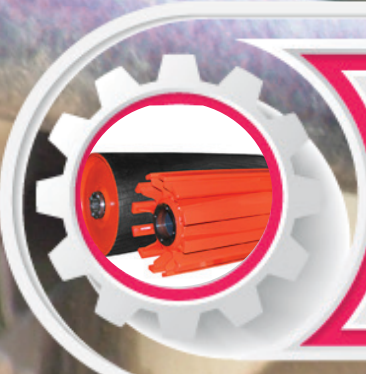


VIKING Portable Machine Belts

RW offers high strength cleated rubber belts to withstand the impact of heavy and sharp materials at the loading points. Our single piece molded cleats cannot delaminate from the belt surface. Special endless procedures assure splices withstand the rigors of high speeds and small pulley diameters. Choose from a 2 ply or 3 ply construction.

VIKING Hot Asphalt Belts

RW fabricates and stocks many popular hot asphalt Belt assemblies for road wideners. 350F degree high temperature oil resistant rubber covers and low-stretch synthetic carcass meets or exceeds manufacturer specification. High strength, low-profile, scraper friendly, field repairable R-5 hinge fasteners resist pull-out even on small pulley diameters.



Wing & Drum Pulleys

Any size drum and wing pulley in standard, heavy and mine duty manufactured right here in the USA for any applications you may have. Complete packages available including lagging, shaft and bearings. Mine duty drum and wing pulleys are offered in the same size ranges as CEMA rated pulleys, designed with higher safety and service factors when used in same applications.

Belt Cleaners & Replacement Blades

Mineline® MHS Heavy-Duty Secondary Belt Cleaners and Precleaners from Flexco tackle those tough applications where the standard-duty is not enough. Dual spring tensioners preload the individual cushions, helping absorb impact from mechanical splices. Tough carbide-tipped blades provide long wear life and high-performance cleaning.



FLEXCO

ions & Accessories

CONVEYING PRODUCTS TO MOVE YOUR INDUSTRY



Belt Fasteners



Flexco VP™

Rubber-covered steel fasteners allow for a continuous smooth surface when plate strips are countersunk. Designed for rubber plied and PVC solid woven belting and for worn belts unfit for vulcanized splices.



Flexco® SR™ Scalloped Edge™

Features a low profile that significantly reduces the fasteners exposure to cleaner blades, skirt rubber, and return idlers. The staggered rivet pattern provides maximum holding ability by allowing the rivets to pass between the carcass fibers without damaging them.

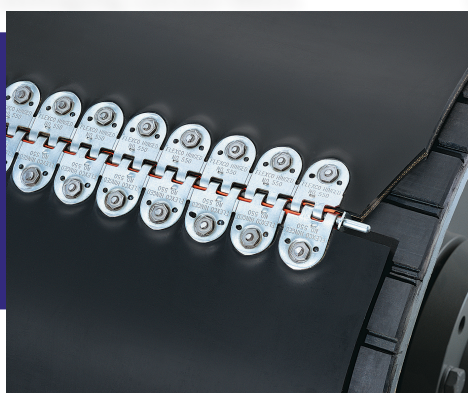


Bolt Solid Plate

Commonly used on higher-tension belts used for highly abrasive materials such as sand, gravel and crushed stone. Specially formed teeth penetrate deep into the belt -- without damaging carcass fibers.

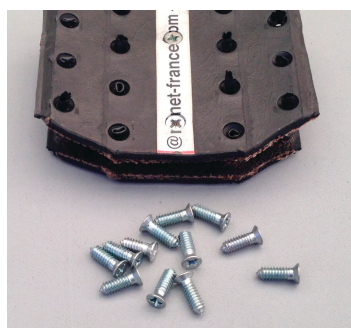
Bolt Hinged

Ideal for applications requiring frequent belt-length alterations; the joints can be separated simply by removing the hinge pin. On-site installation requires only a portable hand or power tool.



*RW CONNECTION
UNDERSTANDS THERE'S MORE
TO A MATERIAL-HANDLING
SYSTEM THAN JUST THE BELT.*

MLT SUPER-SCREW® - Flexible Rubber Conveyor Belt Splice System



The SUPER-SCREW® is part rubber and part metal--a truly hybrid splice with the advantages of vulcanization and the quick and easy installation of metal. Material will not sift through the splice area as SUPER-SCREW® is a one piece construction without a hinge or pin. It's designed to reach from the end of the belt deep into the fabric for added strength and follow belt movement around pulleys, including "S" drives and gravity takeups.

- High tensile strength (380# PIW to 1200# PIW working strength).
- High reach back into belt (up to 4") eliminates fastener pull-out problems.
- Installs flush with the top surface of the belt
- No special template required for installation, just a power screwdriver.

Available Styles: Standard Wear Resistant, 400F Degree High Temp, and Oil Resistant.

EQUAL TROUGHING IDLERS
FEEDER/PICKER TROUGHING IDLERS
IMPACT IDLERS
OFFSET CENTER ROLL IDLERS
LIVE SHAFT ROLLERS
SELF-ALIGNING RETURN IDLERS
CHANNEL-MOUNT LOW PROFILE
RUBBER CUSHIONED RETURN IDLERS
RETURN BELT IDLERS
40 & 50 CEMA B IDLERS & MORE



Idlers

All idlers feature heavy duty foot brackets, external deflectors, rounded ends, quick change rolls, self-cleaning cross members, non-clogging centers, and a jig welded frame to ensure roll alignment.





Ultrasonic Gauge

A device to make precise cover gauge thickness measurements without destroying the belt. Contact your RW salesman to set up an on-site survey with the ultrasonic gauge service. This provides the customer with estimated cover life, a window to replace a belt line, and a mechanism for scheduling minimized downtime.

Conveyor Belt Analysis Software

Contact your RW conveyor belt salesman for on-site service to provide conveyor belt recommendations according to minimum motor horse power requirements, proper pulley diameters, proper counterweight specs, proper transition distances and the actual surcharge angle.



9 INSTALLATION & SERVICE CONVEYOR BELT CREWS • 24/7/365

RW Connection stocks and offers installation service for various chute, hopper, bin and cyclone separator service.

Wherever noise, abrasion, impact, sticking or bridging is a problem, RW Connection has the answer. Our experienced installation crew has installed rubber, urethane, and plastic liners for over 20 years. We also provide bulk materials and factory training to customers who choose to install their own liners.

VIKING Skirtboard Rubber

Improve your conveyor system and equipment performance by protecting it with skirting. Reduce your spillage at loading and transfer points on conveyor belts with SBR skirtboard rubber and protect your equipment at the same time. Abrasion and weather resistant for tough applications in all types of environments.

Featuring 1,000 lb. tensile strength and 300% elongation in hardness of 55 - 60 durometer in gauge; 1/4", 3/8", 1/2", 3/4", and 1" thickness, supplied in 50-ft. rolls, 4" to 12" wide. Also available in full slabs (48" wide x 50-ft. roll).

Materials: SBR Rubber, Gum Rubber, Urethane, PTFE/Teflon, UHMW, and other high performance polymers.

Materials Available:

Redline

Red Natural Rubber Chute Lining

Bondaline

Orange Natural Rubber Lining Bonding Layer

Rockrubber

Black Natural Rubber Lining Bonding Layer

Urethane

Blue/Red Urethane Super Abrasion Resistant

Superslide

White or Black HMW Polyethylene

Economy

Black SBR/Natural Rubber





Services

Installation

RW Connection has the crews and equipment to string, install, vulcanize or fasten, and wind up most any belt (heavyweight/lightweight), big or small. Our crews have seen almost every situation that can shut a facility down, and they know how to fix it. We also offer in-house custom slitting up to 72" wide and frac belt service on-site.

Pulley Lagging

RW Connection regularly re-lags customer pulleys with press cured rubber lagging (diamond or smooth) ceramic, and weld-on. Vulcanized under 20 tons of pressure, our lagging cannot "glaze" over, so it maintains it's high coefficient of friction during the entire life of the rubber.

Our factory trained technicians strip the old rubber, prepare and prime the pulley, and cold vulcanize the rubber using methods which substantially exceed OEM adhesions. This gives you significantly longer service life than original OEM rubber lagging. It's available in both 1/2" and 1" rubber thickness.

Portable Equipment

Our large inventory of ready to ship belt comes from popular manufacturers. For OEM machines such as mobile crushers, road wideners and mobile milling machines -- we stock 2 & 3 ply constructions with various cleat designs -- to get you back up and running.

Whether off or on-site, we offer...

Vulcanization up to 85" wide

Cleating

V-Guide

Corrugated Sidewall

Elevator Bucket Belt Punching & Installation

Detailed Belt Surveys

Visual inspections with recommendations



Hose

Industrial Hose

We carry the premier names in the industry such as Continental/Contitech, Gates, Sunflow and Kanaflex with an extensive inventory in multiple locations, including a full complement line of fittings and accessories such as quick disconnects, pressure gauges and adapters. We specialize in large diameter hoses including up to 12" heavy duty rubber suction and discharge.

Ducting from 1" to 24" in stock, cut lengths.

Tubing Materials

Teflon
Polyurethane
PVC
Gum
Neoprene
EPDM
Nylon
Silicone

Ducting Materials

PVC
Thermoplastic Rubber
Urethane
Silicone
Aluminum
Fiberglass



Discharge Hose

Available bulk or 50' lengths coupled with short shank pin lug couplings or cam and groove fittings.

Blue PVC Water Discharge Hose -- Polyvinyl and nylon discharge hose is extremely lightweight and weather resistant. **1 1/2"-6" diameter in stock.**

Red HD PVC Water Discharge Hose -- For applications where higher working pressures are required than standard blue. **1 1/2"-6" diameter in stock.**

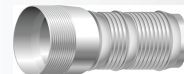
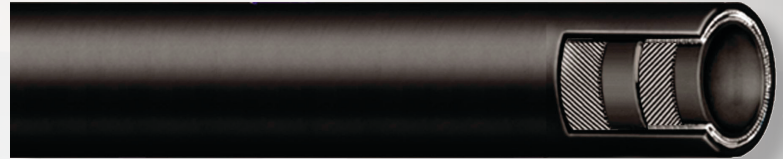
Mill Discharge Hose -- Black rubber tube with woven synthetic mildew resistant jacket. **1 1/2"-6" diameter in stock.**



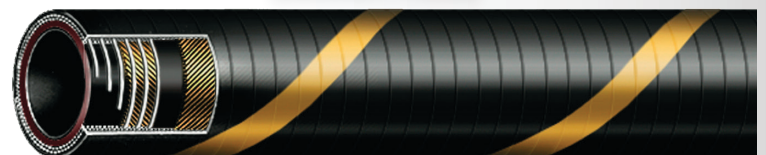
EATON

Continental

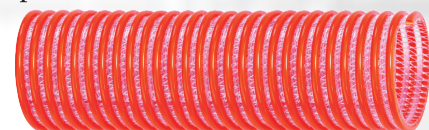
CONTITECH



Suction Hose

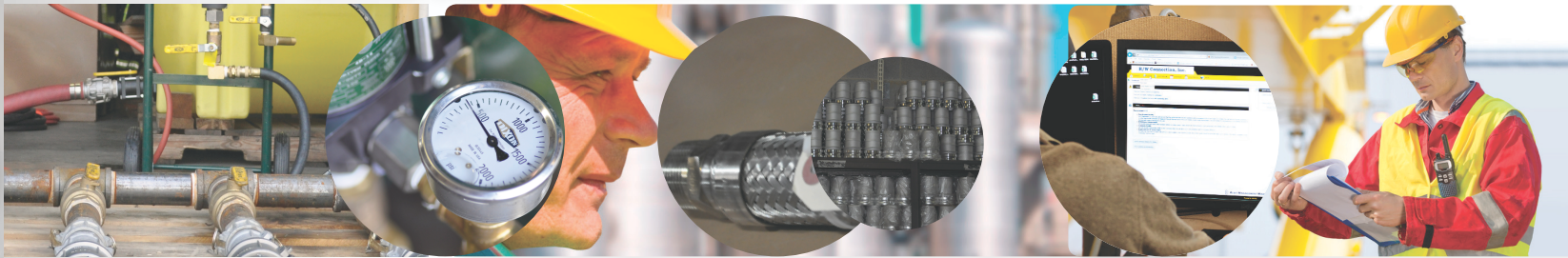


Heavy Duty Rubber Suction Hose -- EPDM blend tube and cover, weather and ozone resistant, resistant to water based agriculture/aggregate fertilizers and salt water. For suction, discharge, or gravity flow of water in construction, mining, oil exploration, agricultural and equipment rental. **1 1/2"-12" diameter in stock.**



Kanaline SR-- Lightweight and flexible water suction and discharge hose for heavy duty applications requiring combined vacuum and higher working pressures. Flexible PVC, rigid PVC helix, synthetic braiding. **4"-10" diameter in stock.**

TEST, TAG AND TRACK YOUR ASSETS FROM CRADLE TO GRAVE WITH PROACTIVE PROGRAMS TO KEEP YOU RUNNING EFFICIENTLY.



RW Connection fabricators are certified via the NAHAD Hose Safety Institute for hydraulic, industrial & ptfе Hose Assemblies, and to multiple levels of Eaton/Aeroquip® certification.

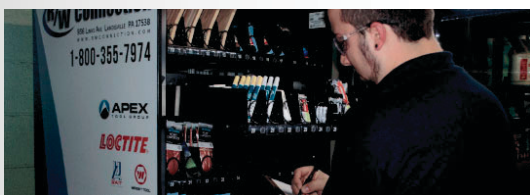


Hydraulic Hose

Our inventory of hydraulic hose, fittings, accessories & adapters is stocked with premier manufacturers, vast and local. RW Connection is a premier Eaton/Aeroquip® distributor, one of only a handful in the country. That means our stores are verified as EXPRESS stores, meaning we make your custom hydraulic hose while you wait in the shop.

We can crimp quarter inch I.D. through two and a half inch, up to 5000 PSI working pressure, and one to one and a half inch up to 6000 PSI.

Lifting & Rigging • Fall Protection • Safety Equipment • Hand Tools • Contractor Supply

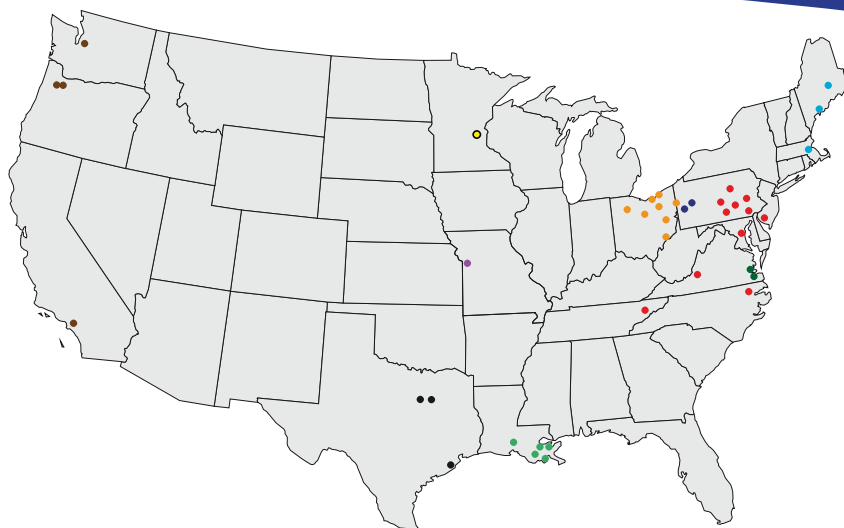


One Stop Shop: Industrial Supplies

RW is your connection to all the greatest names in power tools, hand tools, material handling equipment, abrasives, safety products and more. Premier manufacturers are matched with the application expertise of our staff and a variety of programs to complement your product needs.

So whether you're looking for a prime vendor program or just a way to streamline your current ordering process, RW can provide a solution. Ask about our vendor managed programs, consignment inventory and cost effective vending options.





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|---|---|---|
| <p>Allied Rubber
(800) 242-1670</p> <ul style="list-style-type: none"> • Wampum, PA • Butler, PA | <p>R/W Connection
(800) 355-7974</p> <ul style="list-style-type: none"> • Landisville, PA • Montoursville, PA • Allentown, PA • West Chester, PA | <p>Summers Rubber Co.
(800) 686-5801</p> <ul style="list-style-type: none"> • Cleveland, OH • Mansfield, OH • Findlay, OH • Dover, OH • Eastlake, OH • Marietta, OH • Akron, OH • New Castle, PA |
| <p>PRC Industrial Supply
(800) 322-3100</p> <ul style="list-style-type: none"> • Portland, ME • Bangor, ME | <p>Advanced Fluid Connectors
(888) 792-7195</p> <ul style="list-style-type: none"> • Emigsville, PA • Glen Burnie, MD | <p>National Hose & Accessory
(800) 820-4673</p> <ul style="list-style-type: none"> • Pasadena, TX |
| <p>Stewart Hunt
(781) 272-4411</p> <ul style="list-style-type: none"> • Burlington, MA | <p>Virginia Carolina Belting
(800) 346-4025</p> <ul style="list-style-type: none"> • Salem, VA • Powell, TN • Rocky Mount, NC | <p>Texas Rubber Supply
(214) 631-3143</p> <ul style="list-style-type: none"> • Dallas, TX • Fort Worth, TX |
| <p>Spartan Industrial
(985) 873-7959</p> <ul style="list-style-type: none"> • Houma, LA • Lafayette, LA • Belle Chasse, LA • Golden Meadow, LA | <p>Cumberland Valve
(800) 310-1324</p> <ul style="list-style-type: none"> • Bridgeton, NJ | <p>Hampton Rubber
(800) 482-4447</p> <ul style="list-style-type: none"> • Hampton, VA • Norfolk, VA |
| <p>Industrial & Marine Equipment
(800) 535-3003</p> <ul style="list-style-type: none"> • New Orleans, LA | <p>Hanna Rubber Company
(800) 591-3035</p> <ul style="list-style-type: none"> • Kansas City, MO | <p>Unisource MFG
(800) 234-2566</p> <ul style="list-style-type: none"> • Portland, OR |

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