

ROLL CAPABILITIES

- CUSTOM FORMULATED COVERINGS
- NEW CORES & RECOVERS
- ROLL DRESSING & RECONDITIONING
- PARABOLIC CROWNING
- REGRINDING
- ON-SITE CONSULTATION
- TRACKING PROGRAMS

WIDE VARIETY OF FINISHES

- CROWNS
- SPIRAL GROOVING
- CHEVERON GROOVING
- DIAMOND GROOVING
- BLOCK GROOVING
- HERRINGBONE
- THREADING
- SAW-CUT
- PRECISION MATCHING
- CREPE FINISH
- BANDING SLOTS



MACHINING SERVICES

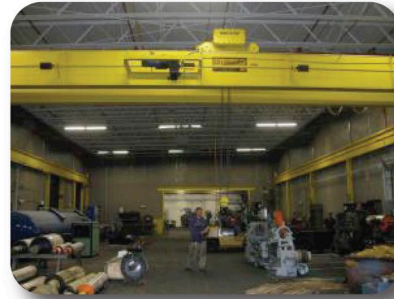
- MANUFACTURE & DESIGN OF MACHINED COMPONENTS
- TURNING AND LATHE WORK TO MACHINIST SPECIFICATIONS
- BORING MILL
- SHAFT & JOURNAL REPAIR
- EMERGENCY BREAKDOWN REPAIRS
- BLANCHARD GRINDING
- WELD REPAIR
- NEW FABRICATIONS
- AUTO-CAD / PDF FILE-DESIGN AVAILABLE ON REQUEST
- POLYPROPYLENE / UHMW
- FABRICATIONS & WELDING



WE STRIVE TO PRODUCE VALUE, NOT AMASS VOLUME, THUS WE ARE STRUCTURED TO MANUFACTURE CAREFULLY ENGINEERED ROLLS

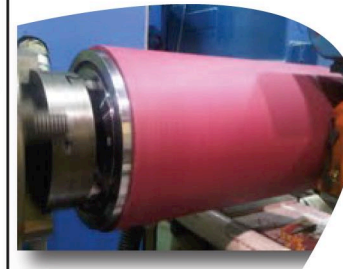
NEW, STATE OF THE ART FACILITY

THE MOST ADVANCED EQUIPMENT HAS BEEN CAREFULLY SELECTED AND INSTALLED TO STREAMLINE OUR MANUFACTURING PROCESS. EXPANDING OUR CAPABILITIES, AND EXPEDITING TURNAROUND



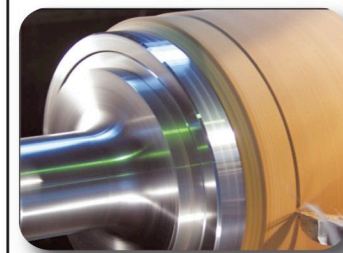
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ROLLER GUIDE



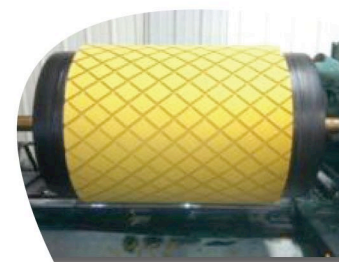
HIGH PERFORMANCE MICROFIBER NON-WOVEN ROLLS

CUSTOM COMPOUNDED ROLLS



MACHINING & REPAIR SERVICES

WIDE VARIETY OF FINISHES





RED SELECT NON-WOVEN MILLS ROLLS

UTILIZING CUTTING EDGE NON-WOVEN ROLL TECHNOLOGY, RED SELECT IS A BONDED NON-WOVEN ROLL CONSTRUCTION, DESIGNED FOR MAXIMUM PERFORMANCE IN MILL ENVIRONMENTS, PREMIUM RED ROLLS RESIST CUTTING, SELF HEAL, AND DELIVER A HIGHER COEFFICIENT OF FRICTION THAN TRADITIONAL ROLLS. 85-100 DUROMETER



HIGH PERFORMANCE MICROFIBER NON-WOVEN ROLLS

SELECT-09A SUPER DENSITY (Z-MILL WIPER ROLL)

A HIGH PERFORMANCE ROLL COVERING USED IN TENSION, PINCH, DEFLECTOR AND IRONING ROLL APPLICATIONS. THE WEB HAS A UNIQUE ABILITY TO RESIST LOADING WHICH ALLOWS FOR LONG-TERM PERFORMANCE IN LOW VISCOSITY OIL ENVIRONMENTS

SELECT-09B (HIGH PRESSURE & OIL)

THIS NEW ROLL COVERING DELIVERS AN UPGRADED BINDER SYSTEM SUITED FOR AUTOMOTIVE PRESS LINE APPLICATIONS

SELECT-10 (CAUSTIC / DI WATER)

IT IS SPECIFICALLY DESIGNED FOR CAUSTIC AND WATER RINSE LOCATIONS AND ALLOWS END USERS TO HAVE ONE UNIVERSAL ROLL COVER SYSTEM IN THEIR WET SECTIONS. MICROFIBER NON-WOVEN TECHNOLOGY EXHIBITS PERFORMANCE UNMATCHED BY ANY OTHER NON-WOVEN ROLL THESE TYPES OF APPLICATIONS

SELECT-11A (NEUTRAL / TENSION)

WEB ADDRESSES THE REQUIREMENTS OF LOW OIL FILM CONTROL AND DE-OILING IN SERVE DUTY APPLICATIONS WHERE ELEVATED ROLL FORCES AND IRREGULAR MATERIALS ARE BEING PROCESSED. EXCELLENT RESULTS HAVE BEEN OBTAINED WHEN USED AS A TENSION/ BRIDLE, PINCH, AND HIGH PERFORMANCE WRINGER ROLL

SELECT-12 (ACID / ACID WRINGER)

A POLYPROPYLENE NON-WOVEN WEB FORMULATION DESIGNED SPECIFICALLY FOR ACID AND ACID WRINGER ROLL APPLICATIONS. THIS ROLL IS TYPICALLY USED IN HYDROCHLORIC, SULFURIC OR NITRIC ACID PICKLING LINES. IN ADDITION, IT IS BEING USED SUCCESSFULLY AS A CHEM-TREAT APPLICATOR ROLL, OR SINK ROLL, WHERE A HIGH CO-EFFICIENT OF FRICTION IS DESIRED. THIS PRODUCT HAS A pH RANGE OF 0-14 pH. SHAFT PROTECTION MEASURES ARE REQUIRED FOR MANY SEVERE CHEMICAL APPLICATIONS

VINACAR PREMIUM ROLL COVERINGS

ULTRA-TECH 95 KEVLAR

REDUCE COSTS BY REPLACING METAL AND LESS DURABLE MATERIAL HANDLING ROLLS. COIL CARS, BANDING ROLLS, DEFLECTOR ROLLS, UP-COILER ROLLS, IRONING ROLLS. EXCELLENT ON COLD REDUCTION MILLS! ULTRATECH IS DURABLE ENOUGH FOR THE JOB AND WILL REDUCE MARKING AND SCRATCHING

PBU

A PROPRIETARY BLEND OF RUBBER COMPOUNDS DEVELOPED AS AN OFF-SHOOT TO THE AUTOMOTIVE RACING INDUSTRY. A SOFTER MATERIAL WITH EXCELLENT CUT AND TEAR RESISTANCE MAKES THIS AN IDEAL CHOICE FOR LIGHT GAUGE AND ULTRA-LIGHT GAUGE METALS

VINACAR II

PROPRIETARY POLYMER MODIFIED WITH ANTIOXIDANTS AND COUPLING AGENTS TO PROVIDE EXCELLENT INTERNAL HEAT AND TEAR RESISTANCE AS ENCOUNTERED IN A MILL ENVIRONMENT. ITS ATTRIBUTES INCLUDE RESISTANCE TO A BASES/ CAUSTICS, OILS/ HYDROCARBONS, CLEANERS, ETC.. HEAT RESISTANCE UP TO 450 DEG. F.

VINAPRENE

CUSTOM VINACAR / NEOPRENE BLEND

NON-GLAZE VINACAR

DEVELOPED TO PROVIDE SUPERIOR TRACTION AND RESIST GLAZING



FURNACE TECH / VINACAR HT

HIGH TEMPERATURE FORMULATIONS DESIGNED SPECIFICALLY FOR ATMOSPHERIC FURNACE SEALS ON CONTINUOUS ANNEALING LINES

HYDROGENATED VINACAR

TEMPERATURE RESISTANCE TO 400 DEGREES F.

DURO-TECH 100

THIS EXTREMELY HARD COVERING IS BEST SUITED FOR HIGH WAER APPLICATIONS SUCH AS HOLD-DOWN/ DEFLECTOR ROLLS, OR BRUSH BACKER ROLL

ARN-3

A SPECIAL FORMULATION SPECIFIC FOR HIGHLY OXIDIZING ACIDS. I.E.: STAINLESS STEEL PICKLING SOLUTIONS (NITRIC HF) AND CHROMIC ACID

VINACAR CAUSTIC

DESIGNED TO WITHSTAND CAUSTIC SOLUTIONS WITH HIGH A HIGH pH AT ELEVATED TEMPERATURES. (pH 13-14 ABOVE 160 DEGREES F.)

ADDITIONAL ROLL COVERINGS

CARBOXYLATED / VINACAR BLEND

EXCELLENT GRIP AS LARGE BRIDLE ROLL - VERY DURABLE

EBONITE

EXTREMELY HARD, 97 DUROMETER - LOW COST ROLL COVERING FOR WEAR APPLICATIONS

POLYURETHANE

AVAILABLE FROM 30-98 DUROMETER HARDNESS. MOST COLORS UPON REQUEST

VITON

APPLICATIONS UP TO 550 DEGREES F.

HYPALON

EXCELLENT CHEMICAL RESISTANCE & TEMPERATURE RESISTANCE UP TO 275 DEGREES F.

SILICON RUBBER

TEMPERATURE RESISTANCE TO 600 DEGREES F.

- NEOPRENE**
- NITRILE RUBBER**
- NATURAL RUBBER**
- EPDM**
- SLICK 50/50**
- SBR RUBBER**
- BLACK VINACAR 90**
- X-85**



CUSTOM COMPOUNDING

MANY OF OUR CUSTOMERS HAVE RUBBER BLENDS SPECIFIC TO THEIR APPLICATION. WE HAVE THE CAPABILITY TO BUILD ANY TYPE OF ROLL INCLUDING MULTIPLE RUBBER COMPOUNDS ON THE SAME SHAFT

POLYURETHANE ROTARY CASTING



POLYURETHANE ROLLERS CAST USING OUR STATE OF THE ART ROTARY PROCESS RELIES ON THE HIGH REACTIVITY AND CROSS-LINKING CAPABILITIES OF THE POLYESTER AND POLYETHER POLYOLS USED IN OUR PROPRIETARY PROCESS

EU POLYETHER

AT HIGHER TEMPERATURES, IN WATER APPLICATIONS, POLYETHER REMAINS HYDROLYSIS STABLE, MAINTAINING ITS MECHANICAL STRENGTH AND FLUID RESISTANCE

AU POLYESTER

WHILE NOT RECOMMENDED FOR WATER APPLICATIONS, THIS POLYURETHANE EXHIBITS EXCELLENT PERFORMANCE CHARACTERISTICS IN SOLVENT APPLICATIONS OR AT ELEVATED TEMPERATURES IN DRY APPLICATIONS