

STOCK # **38**MINERAL & ORE /
DESICCATION RESISTANT

SUPERIOR ABRASION RESISTANCE!

CUT & GOUGE RESISTANT!

U/V PROTECTED!

Price RUBBER CORP.

ALUMINA - HOT

COMPOUND / ALUMINA

| TENSILE (PSI) | ELONGATION (%) | MODULUS (300%) | TEMP. RATING | DURO (HARDNESS) | SPEC. GRAVITY |
|---------------|----------------|----------------|--------------|-----------------|---------------|
| 3000 | 550 | 1300 | -40 / 220°F. | 65 ± 5 | 1.17 |

CARCASS / 100% POLYESTER – (PLAIN WEAVE, WARP & FILL)

| <i>PRC</i> *11:1 Safety | 2/220 | 3/330 | 4/440 | 3/600 | 3/750 | 4/800 | 4/1000 | 5/1250 |
|------------------------------------|--------|--------|--------|--------|--------|--------|--------|---------|
| Fabric Type | P/P | P/P | P/P | P/P | P/P | P/P | P/P | P/P |
| Vulcanized & Fastener Rating (piw) | 220 | 330 | 440 | 600 | 750 | 800 | 1000 | 1250 |
| Carcass Gauge (in.) | .106 | .159 | .192 | .195 | .252 | .240 | .316 | .380 |
| Carcass Weight (lbs/sq.ft.) | .64 | .95 | 1.15 | 1.17 | 1.51 | 1.44 | 1.90 | 2.28 |
| Approx 1/32 cover wt (lbs/sq.ft.) | .19 | .19 | .19 | .19 | .19 | .19 | .19 | .19 |
| Avg. Permanent Elongation (%) | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% |
| Elastic modulus (piw) | 23,000 | 34,500 | 46,000 | 66,000 | 67,500 | 88,000 | 90,000 | 112,500 |
| Recommended Fastener Plate | 140 | 190 | BR-10 | BR-10 | BR-14 | BR-14 | *NR | *NR |
| Hinge | R2 | R2 | R5 | R5½ | R6 | R6 | RAR8 | RAR8 |

TROUGHABILITY (Minimum Belt Width) (in.)

*VULCANIZE

| <i>PRC</i> | 2/220 | 3/330 | 4/440 | 3/600 | 3/750 | 4/800 | 4/1000 | 5/1250 |
|------------------|-------|-------|-------|-------|-------|-------|--------|--------|
| 20 degree idlers | 18 | 18 | 24 | 24 | 24 | 30 | 30 | 36 |
| 35 degree idlers | 18 | 24 | 30 | 30 | 30 | 36 | 36 | 42 |
| 45 degree idlers | 24 | 30 | 36 | 36 | 36 | 42 | 42 | 48 |

MINIMUM PULLEY DIAMETERS (in.)

| <i>PRC</i> | 2/220 | 3/330 | 4/440 | 3/600 | 3/750 | 4/800 | 4/1000 | 5/1250 |
|--------------------|-------|-------|-------|-------|-------|-------|--------|--------|
| Over 80% Tension | 16 | 18 | 24 | 24 | 30 | 30 | 36 | 42 |
| 60% to 80% Tension | 14 | 16 | 20 | 20 | 24 | 24 | 30 | 36 |

LOAD SUPPORT (Maximum Belt Width) (in.)

| <i>PRC</i> | 2/220 | 3/330 | 4/440 | 3/600 | 3/750 | 4/800 | 4/1000 | 5/1250 |
|---------------------|-------|-------|-------|-------|-------|-------|--------|--------|
| 0 - 40 lbs/cu.ft. | 42 | 54 | 60 | 72 | 72 | 84 | 84 | 108 |
| 41 - 80 lbs/cu.ft. | 36 | 48 | 60 | 60 | 60 | 72 | 72 | 96 |
| 81 - 120 lbs/cu.ft. | 36 | 48 | 54 | 60 | 60 | 72 | 72 | 96 |
| Over 120 lbs/cu.ft. | 30 | 42 | 48 | 54 | 54 | 60 | 60 | 84 |

Price Rubber fully warrants & guarantees all products against material defect & workmanship for the life of the product. Price Belts are manufactured to width so they run true from the start and Price uses 100% polyester textiles to keep stretch to a minimum! Each & every Price Belt is engineered, custom built, & available in either smooth or textured finishes for job-matched performance. Experience the Price Advantage . . . Value that Lasts!



Price RUBBER CORP.



FOR MORE INFORMATION, CONTACT YOUR LOCAL PRICE RUBBER DISTRIBUTOR OR CALL *PRC* CUSTOMER SERVICE:

WATTS: (800) 633-1470 • FAX: (334) 271-3194

www.pricerubber.com