

STOCK # **35**
 GRAIN HANDLING /
 DUST SUPPRESSANT

Price Rubber Corp.

* **DIN RATING**
135
 ABRASION LOSS!

* **MSHA / ACCEPTED!**
#28-53 / 11

GRAIN REAPER

FLAME-OUT!
 STATIC CONDUCTIVE!
 OIL / OZONE RESISTANT!

COMPOUND / SBR - NBR BASED (*SPECIALLY ENHANCED)

| TENSILE (PSI) | ELONGATION (%) | MODULUS (300%) | TEMP. RATING | DURO (HARDNESS) | SPEC. GRAVITY |
|---------------|----------------|----------------|---------------------|-----------------|---------------|
| 2000 | 500 | 1100 | -40 / 220°F. | 65 ± 5 | 1.35 |

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

| *11:1 Safety | 2/220 | 3/330 | 2/400 | 4/440 | 3/600 | 4/800 | 5/1000 | 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 | 400 | 440 | 600 | 800 | 1000 | 1250 |
| Carcass Gauge (in.) | .106 | .159 | .130 | .192 | .195 | .240 | .316 | .380 |
| Carcass Weight (lbs/sq.ft.) | .73 | 1.09 | .73 | 1.32 | 1.34 | 1.64 | 2.17 | 2.60 |
| Approx 1/32 cover wt (lbs/sq.ft.) | .21 | .21 | .21 | .21 | .21 | .21 | .21 | .21 |
| 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 | 44,000 | 46,000 | 66,000 | 88,000 | 90,000 | 112,500 |
| Recommended Fastener Plate | 140 | 190 | BR-10 | BR-10 | BR-10 | BR-14 | *NR | *NR |
| Hinge | R2 | R2 | R5 | R5 | R5 1/2 | R6 | RAR8 | RAR8 |

TROUGHABILITY (Minimum Belt Width) (in.)

*VULCANIZE

| | 2/220 | 3/330 | 2/400 | 4/440 | 3/600 | 4/800 | 5/1000 | 5/1250 |
|------------------|-------|-------|-------|-------|-------|-------|--------|--------|
| 20 degree idlers | 18 | 18 | 18 | 24 | 24 | 30 | 30 | 36 |
| 35 degree idlers | 18 | 24 | 24 | 30 | 30 | 36 | 36 | 42 |
| 45 degree idlers | 24 | 30 | 30 | 36 | 36 | 42 | 42 | 48 |

MINIMUM PULLEY DIAMETERS (in.)

| | 2/220 | 3/330 | 2/400 | 4/440 | 3/600 | 4/800 | 5/1000 | 5/1250 |
|--------------------|-------|-------|-------|-------|-------|-------|--------|--------|
| Over 80% Tension | 16 | 18 | 18 | 24 | 24 | 30 | 36 | 42 |
| 60% to 80% Tension | 14 | 16 | 16 | 20 | 20 | 24 | 30 | 36 |

LOAD SUPPORT (Maximum Belt Width) (in.)

| | 2/220 | 3/330 | 2/400 | 4/440 | 3/600 | 4/800 | 5/1000 | 5/1250 |
|---------------------|-------|-------|-------|-------|-------|-------|--------|--------|
| 0 - 40 lbs/cu.ft. | 42 | 54 | 54 | 60 | 72 | 84 | 84 | 108 |
| 41 - 80 lbs/cu.ft. | 36 | 48 | 48 | 60 | 60 | 72 | 72 | 96 |
| 81 - 120 lbs/cu.ft. | 36 | 48 | 48 | 54 | 60 | 72 | 72 | 96 |
| Over 120 lbs/cu.ft. | 30 | 42 | 42 | 48 | 54 | 60 | 60 | 84 |

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FOR MORE INFORMATION, CONTACT YOUR LOCAL PRICE RUBBER CUSTOMER SERVICE:

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