

STOCK # 34

UNDERGROUND COAL –  
PART 14  
FLAME RESISTANT**Price** RUBBER CORP.**MINE** ★ **STAR**SELF-EXTINGUISHING!  
CHLORINE / HALOGEN FREE!**COMPOUND / SBR BASED - (\*SPECIALLY ENHANCED)**

| TENSILE (PSI) | ELONGATION (%) | MODULUS (300%) | TEMP. RATING | DURO (HARDNESS) | SPEC. GRAVITY |
|---------------|----------------|----------------|--------------|-----------------|---------------|
| 1400          | 450            | 500            | 220°F.       | 66 ± 5          | 1.54          |

**CARCASS / 100% POLYESTER – ( TWILL WEAVE, WARP & WEFT)**

| *13:1 Safety                       | 2/400  | 2/500  | 3/600  | 3/750  | 4/800  | 4/1000 | 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) | 400    | 500    | 600    | 750    | 800    | 1000   | 1000    | 1250    |
| Carcass Gauge (in.)                | .130   | .168   | .195   | .252   | .240   | .316   | .285    | .380    |
| Carcass Weight (lbs/sq.ft.)        | 1.15   | 1.49   | 1.73   | 2.23   | 2.13   | 2.80   | 2.53    | 3.37    |
| Approx 1/32 cover wt (lbs/sq.ft.)  | .25    | .25    | .25    | .25    | .25    | .25    | .25     | .25     |
| Avg. Permanent Elongation (%)      | 1.5%   | 1.5%   | 1.5%   | 1.5%   | 1.5%   | 1.5%   | 1.5%    | 1.5%    |
| Elastic modulus (piw)              | 44,000 | 55,000 | 66,000 | 67,500 | 88,000 | 90,000 | 110,000 | 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

|                  | 2/400 | 2/500 | 3/600 | 3/750 | 4/800 | 4/1000 | 5/1000 | 5/1250 |
|------------------|-------|-------|-------|-------|-------|--------|--------|--------|
| 20 degree idlers | 20    | 24    | 28    | 30    | 30    | 36     | 36     | 42     |
| 35 degree idlers | 24    | 30    | 30    | 36    | 36    | 42     | 42     | 48     |
| 45 degree idlers | 30    | 36    | 36    | 42    | 42    | 48     | 48     | 54     |

**MINIMUM PULLEY DIAMETERS (in.)**

|                    | 2/400 | 2/500 | 3/600 | 3/750 | 4/800 | 4/1000 | 5/1000 | 5/1250 |
|--------------------|-------|-------|-------|-------|-------|--------|--------|--------|
| Over 80% Tension   | 20    | 20    | 24    | 24    | 28    | 28     | 36     | 40     |
| 60% to 80% Tension | 18    | 18    | 20    | 20    | 24    | 24     | 32     | 32     |

**LOAD SUPPORT (Maximum Belt Width) (in.)**

|                     | 2/400 | 2/500 | 3/600 | 3/750 | 4/800 | 4/1000 | 5/1000 | 5/1250 |
|---------------------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0 - 40 lbs/cu.ft.   | 60    | 66    | 72    | 72    | 96    | 96     | 96     | 96     |
| 41 - 80 lbs/cu.ft.  | 54    | 60    | 60    | 66    | 84    | 84     | 84     | 96     |
| 81 - 120 lbs/cu.ft. | 48    | 54    | 54    | 60    | 72    | 72     | 72     | 84     |
| Over 120 lbs/cu.ft. | 42    | 48    | 48    | 54    | 60    | 66     | 66     | 72     |

**Price** RUBBER CORP.

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

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