

SBR NI (Nylon Insert) 60 DURO

Nylon Insert SBR 60 Duro / Plate Finish



Tensile: 850
Elongation: 250% Color: Black
Durometer: 60 +/- 5 deg Temp. Range: -20F to +170F

| <u>Gauge</u> | <u>Width</u> | <u>Ln. Ft/Roll</u> | <u>Sq. Yds/Roll</u> | <u>Lbs/Roll</u> | <u>Plies</u> | <u>Item Code</u> |
|--------------|--------------|--------------------|---------------------|-----------------|--------------|------------------|
| 1/16" | 36" | 50' | 16.6 | 77 | 1 | SNI-2-36 |
| 1/8" | 36" | 50' | 16.6 | 155 | 2 | SNI-4-36 |
| 3/16" | 36" | 50' | 16.6 | 233 | 3 | SNI-6-36 |
| 1/4" | 36" | 50' | 16.6 | 311 | 4 | SNI-8-36 |

| <u>Gauge</u> | <u>Width</u> | <u>Ln. Ft/Roll</u> | <u>Sq. Yds/Roll</u> | <u>Lbs/Roll</u> | <u>Plies</u> | <u>Item Code</u> |
|--------------|--------------|--------------------|---------------------|-----------------|--------------|------------------|
| 1/16" | 48" | 50' | 22.2 | 103 | 1 | SNI-2-48 |
| 1/8" | 48" | 50' | 22.2 | 207 | 2 | SNI-4-48 |
| 3/16" | 48" | 50' | 22.2 | 310 | 3 | SNI-6-48 |
| 1/4" | 48" | 50' | 22.2 | 414 | 4 | SNI-8-48 |

Additional sizes available in 72" -- Call Customer Service



SBR (NYLON INSERT)

| COMPOUND# | POLYMER | SBR | FABRIC TYPE | NYLON |
|-------------|---------------------|---------------|-------------|-------|
| | FABRIC WEIGHT | 3.26 OZ | | |
| ASTM METHOD | DESCRIPTION | TYPICAL VALUE | UNITS | |
| D2240 | HARDNESS | 65 | SHORE A | |
| D412 | 100%MODULUS | | PSI | |
| D412 | 300%MODULUS | | PSI | |
| D412 | TENSILE | 850 | PSI | |
| D412 | ELONGATION | 250 | % | |
| D624 | TEAR | 200 | LBS/IN | |
| D1630 | NBS ABRASION | 50 | % | |
| D2137 | COLD TEMPERATURE | -35 | 'C | |
| D1171 | OZONE RESISTANCE | 70 HOURS @ 50 | PPHM 3 | |
| D257 | VOLUME RESISTIVITY | | Ohm-cm | |
| D395B | COMPRESSION SET | 22 HOURS | @ 100'C | 21% |
| D2084 | CURED @ 151'CT2 | | min. | |
| | CURED @ 151'C T95 | | min. | |
| D1646 | MOONEY SCORCH 135'C | | min.T5 | |
| D1646 | VISCOSITY 100'C | | ML4 | |
| | HEAT AGING | 70 HOURS | @ 100'C | |
| D573 | CHANGED-HARDNESS | 2 | POINTS | |
| | CHANGED-TENSILE | -12 | % | |
| | CHANGED-ELONGATION | -12 | % | |
| D471 | OIL AGING #3 OIL | 70 HOURS | @ 100'C | |
| | CHANGED-HARDNESS | | POINTS | |
| | CHANGED-TENSILE | | % | |
| | CHANGED-ELONGATION | | % | |
| | CHANGED-MASS | | % | |
| | CHANGED-VOLUME | | % | |

| THICKNESS | TOLERANCE | WIDTH | TOLERANCE |
|---------------|---------------|-------|-----------|
| 1/32" = 0.031 | 0.027~0.039 | 36" | ±0.25" |
| 1/16" = 0.063 | 0.055 ~ 0.071 | 48" | ±0.30" |
| 3/32" = 0.094 | 0.087 ~ 0.102 | 52" | ±0.35" |
| 1/8" = 0.125 | 0.118 ~ 0.134 | 72" | ±0.50" |
| 3/16" = 0.189 | 0.177 ~ 0.201 | | |
| 3/64" = 0.047 | 0.039 ~ 0.055 | | |
| 1/4" = 0.252 | 0.240 ~ 0.264 | | |
| 3/8" = 0.374 | 0.358 ~ 0.390 | | |
| 1/2" = 0.5 | 0.472 ~ 0.532 | | |
| 3/4" = 0.748 | 0.709 ~ 0.787 | | |
| 1" = 1 | 0.945 ~ 1.055 | | |