

Product **Commercial EPDM Rubber Sheet, EPS-CSS**

1. DIMENSIONS AND APPEARANCE

| | | |
|-------------------------|----|-----------------------------|
| Thickness | in | 1/32 - 2 |
| Length | ft | 5 - 300 |
| Width | in | 2 - 72 |
| Surface finishing | | Smooth finish, both sides |
| Color | | Black |
| Cloth insert, EPNSx-CSS | | Available up to 4-ply nylon |

2. PHYSICAL PROPERTIES

| | | | | | | | |
|----------------------------------|---------|------------|------------|------------|------------|------------|------------|
| Hardness | Shore A | 40 ± 5 | 50 ± 5 | 60 ± 5 | 70 ± 5 | 80 ± 5 | ASTM D2240 |
| Tensile strength (min/typical) | psi | 725 | 725 / 783 | 725 / 769 | 725 / 827 | 725 / 871 | ASTM D412 |
| Elongation (min/typical) | % | 350 | 300 / 339 | 250 / 312 | 200 / 292 | 150 / 189 | ASTM D412 |
| Compression set (70°C, 22h), max | % | | 50 | 50 | 50 | 50 | ASTM D395B |
| Ozone resistance | | pass | pass | pass | pass | pass | ASTM D1171 |
| Working temp range | °F | -40 to 212 | -40 to 212 | -40 to 212 | -40 to 212 | -40 to 212 | |

3. TOLERANCES

| THICKNESS, in (mm) | MIN, mm | MAX, mm |
|--------------------|---------|---------|
| 1/32 (0.8) | 0.54 | 1.05 |
| 1/16 (1.6) | 1.21 | 1.97 |
| 3/32 (2.4) | 2.00 | 2.76 |
| 1/8 (3.2) | 2.79 | 3.56 |
| 3/16 (4.8) | 3.95 | 5.58 |
| 1/4 (6.4) | 5.54 | 7.16 |

| THICKNESS, in (mm) | MIN, mm | MAX, mm |
|--------------------|---------|---------|
| 3/8 (9.5) | 8.71 | 10.34 |
| 1/2 (12.7) | 11.51 | 13.89 |
| 5/8 (15.9) | 14.4 | 17.48 |
| 3/4 (19.1) | 16.69 | 21.41 |
| 1 (25.4) | 22.86 | 27.94 |

| WIDTH TOLERANCE, in |
|---------------------------|
| -0/+1 for all thicknesses |