

Product **Neoprene (CR) Rubber Sheet, NES-ESS**

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, NNSx-ESS		Available up to 4-ply nylon

2. PHYSICAL PROPERTIES, RUBBER

Hardness	Shore A	40 ± 5	50 ± 5	60 ± 5	70 ± 5	80 ± 5	ASTM D2240
Tensile strength (typical)	psi	500	500	500	500	500	ASTM D412
Elongation (typical)	%	350	300	200	200	150	ASTM D412
Compression set (70°C, 22h)	%	50 max.	50 max.	50 max.	50 max.	50 max.	ASTM D395B
Working temp range	°F	-22 to 190	-22 to 190	-22 to 190	-22 to 190	-22 to 190	

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
> 1 (25.4)	-10%	+10%

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