

NEOPRENE NI (Nylon Insert) 60 DURO

Nylon Insert CR 60 Duro / Plate Finish Commercial Grade

Tensile: 2150

Elongation: 340% Color: Black

Durometer: 60 +/- 5 deg Temp. Range: -20F to +180F

<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	76	1	CRI-2-36
1/8"	36"	50'	16.6	154	2	CRI-4-36
3/16"	36"	50'	16.6	230	3	CRI-6-36
1/4"	36"	50'	16.6	307	4	CRI-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	101	1	CRI-2-48
1/8"	48"	50'	22.2	205	2	CRI-4-48
3/16"	48"	50'	22.2	306	3	CRI-6-48
1/4"	48"	50'	22.2	409	4	CRI-8-48

Additional sizes available in 72" -- Call Customer Service



NI (NYLON INSERT)

COMPOUND#	NI		
POLYMER	CR		
ASTM METHOD	DESCRIPTION	TYPICAL VALUE	UNITS
D2240	HARDNESS	65	SHORE A
D412	100%MODULUS		PSI
D412	300%MODULUS		PSI
D412	TENSILE	2150	PSI
D412	ELONGATION	340	%
D624	TEAR	230	LBS/IN
D1630	NBS ABRASION	56	%
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	-21	POINTS
	CHANGED-TENSILE	-32	%
	CHANGED-ELONGATION	-31	%
	CHANGED-MASS	40	%
	CHANGED-VOLUME	60	%

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		