



HANNA RUBBER COMPANY

Specification Sheet



Ethylene Propylene (EPDM)

Hanna Rubber stocks EPDM Rubber 36" wide rolls 1/32" – 2" thick (40-90 durometer).

Ethylene Propylene is a polymer with outstanding properties. It has exceptionally good weather aging and ozone resistance; excellent water and chemical resistance; excellent resistance to gas permeability, and excellent resistance to aging due to exposure to steam; and heat, resistance excellent up to 350F. Ethylene Propylene is a polymer where oil and solvent resistance is poor; however, it is fairly good in ketones and alcohols.

It is not recommended for food applications or exposure to aromatic hydrocarbons.

Grade/ Cure	Durometer	Thickness (in.)	Width (in.)	Tensile Strength (psi)	Ultimate Elongation Percent	Temperature Range	Weight	Specifications
Commercial Grade	40	1/64 - 1/4	36, 48	800	300	-40°F to +212°F	7.2	ASTM D 2000 SAE J200 3BA 408 C12 MIL R-3065 RS 408 C12
	50	1/64 - 1/4	36, 48	800	300	-40°F to +212°F	7.5	ASTM D 2000 SAE J200 3BA 508 C12 MIL R-3065 RS 508 C13
	60	1/64 - 1/4	36, 48	800	250	-40°F to +212°F	7.8	ASTM D 2000 SAE J200 3BA 608 C12 MIL R-3065 RS 608 C14
	70	1/64 - 1/4	36, 48	800	150	-40°F to +212°F	8.1	ASTM D 2000 SAE J200 3BA 708 C12 MIL R-3065 RS 708 C15
High Grade	40	1/64 - 1/4	36, 48	1100	400	-50°F to +225°F	6.1	5BA 410 C12 F17
	50	1/64 - 1/4	36, 48	1200	350	-50°F to +225°F	6.6	5BA 510 C12 F17
	60	1/64 - 1/4	36, 48	1300	350	-50°F to +225°F	6.7	5BA 610 C12 F17
	70	1/64 - 1/4	36, 48	1300	250	-50°F to +225°F	6.85	5BA 710 C12 F17
	80	1/64 - 1/4	36, 48	1550	200	-50°F to +225°F		5BA 815 C12 F17
Peroxide Cure	40	1/64 - 1/4	36, 48	1550	550	-55°F to +300°F	6.3	4CA 415 A25 B35 C32 EA14 F19
	50	1/64 - 1/4	36, 48	1600	400	-55°F to +300°F	6.4	4CA 515 A25 B35 C32 EA14 F20
	60	1/64 - 1/4	36, 48	1800	350	-55°F to +300°F	6.45	4CA 615 A25 B35 C32 EA14 F21
	70	1/64 - 1/4	36, 48	1700	250	-55°F to +300°F	6.6	4CA 715 A25 B35 C32 EA14 F22
	80	1/64 - 1/4	36, 48	1800	200	-55°F to +300°F		4CA 815 A25 B35 C32 EA14 F23

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