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## TECHNICAL REPORT CR70

Purpose: To show conformance to Neoprene (Chloroprene) 70 Durometer to the requirements of ASTM D2000 M2BE714 A14 B14 EO14 EO34

<u>Spec.</u>	<u>Physical Property</u>	<u>Requirements</u>	<u>Results</u>	<u>ASTM Test Method</u>
	ORIGINAL PROPERTIES:			
	Hardness Shore A Durometer	70 +/- 5	67	D2240
	Tensile Strength psi min	2,031	2,140	D412
	Ultimate Elongation % min	250	259	D412
A14	HEAT RESISTANCE: (70HRS X 212F)			D573
	Hardness change, pts Shore A max	15	+10	
	Tensile strength change % max	-15	-14	
	Ultimate Elongation change, % max	-40	-40	
B14	COMPRESSION SET: (22HRS X 212F)			D395
	% of original deflection max	25	25	Method B
EO14	OIL RESISTANCE TEST: (70HRS X 212F)	ASTM NO 1 OIL		D471
	Hardness changem pts., Shore A	+/- 10	+4	
	Tensile strength change, % max	-30	-4	
	Elongation change, % max	-30	0	
	Volume change, % max	-10 to 15	-6	
EO34	OIL RESISTANCE TEST: (70HRS X 212F)	IRM 903 Oil		D471
	Hardness changem pts., Shore A	-10 to 5	9	
	Tensile strength change, % max	-60	-25	
	Elongation change, % max	-50	-26.8	
	Volume change, % max	100	+15.2	