



Freon™ 95

Refrigerant (R-508B)

Compatibility: Freon™ 95 (R-508B) versus Elastomers

Technical Information

Test: Sealed Tubes. **Temperature:** Room Temperature. **Duration:** 2 Weeks.

No.	Elastomer	Compatibility Rating	% Linear Swell	% Weight Gain	% Hardness Change
1	Natural Rubber	0	-	-	-
2	Butyl Rubber	0	-	-	-
3	Nordel® EPDW	0	-	-	-
4	Neoprene W	0	-	-	-
5	SBR	0	-	-	-
6	Nitrile Rubber				
	a. NBR	0	-	-	-
	b. HNBR	0	-	-	-
7	Vamac® EA	0	-	-	-
8	Hypalon® CSM	0	-	-	-
9	Fluoroelastomer				
	a. Viton™ A	0	-	-	-
	Viton™ B	0	-	-	-
	b. Zalac®	0	0.89	3.07	-6.46
	Kalrez®	0	1.33	3.33	-5.76
	c. Fluorinated Silicone	0	-	-	-
10	Silicone	0	-	-	-
11	Epichlorohydrin				
	a. Homopolymer	0	-	-	-
	b. Copolymer	0	-	-	-
12	Adiprene® L	0	-	-	-
13	FA Polysulfide	0	-	-	-
14	Thermoplastics				
	a. Alcryn®	0	-	-	-
	b. Santoprene	0	-	-	-
	Geolast	0	-	-	-
	c. Hytrel®	0	-	-	-
15	Gasketing				
	a. Cork	0	-	-	-
	b. Vegetable Fiber	0	-	-	-
	c. Gylon	0	-	-	-
	d. Armalon®	0	-	-	-

-- No Change

Compatibility Rating: 0 = Compatible; when linear swell <10% and hardness change <10 units.

1 = Borderline; when linear swell >10% or hardness change >10 units.

2 = Incompatible; when linear swell >10% and hardness change >10 units.



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For more information on Freon™ refrigerants, visit freon.com

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