

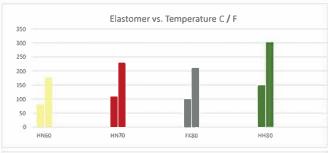
## **ELASTOMER SELECTION GUIDE**

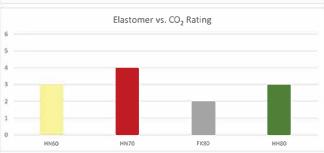
Elastomer Name	Elastomer Type (ISO)	Application	Temperature Limit*		Chemical Resistance**					Mechanical Properties	
			E.	С	H <sub>2</sub> S	CO <sub>2</sub>	IRM 903	Fuel B	Water	Wear Resistance	Hardness (shore A)
HN60	High Nitrile (NBR)	Very Good oil and water resistance	176	80	5	3	4	3	5	5	60
		Excellent mechanical and dynamic properties									
		Excellent wear resistance									
HN70	High Nitrile (NBR)	Very Good oil and water resistance	230	110	4	4	4	4	5	4	70
		Excellent mechanical and dynamic properties									
		Very good wear resistance									
FK80	Perflurocarbon (FKM)	Excellent oil resistance	212	100	3	2	5	5	5	2	80
		Good mechanical and dynamic properties									
		Fair wear resistance									
HH80	Hydrogenated Nitrile (HNBR)	Very Good oil resistance	302	150	s	3	3	4	4	3	80
		Good mechanical and dynamic properties									
		Good wear resistance									

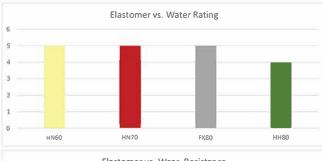
<sup>\*</sup> Fluid Temperature rating is for elastomer only. Limitations may occur due to bonding system depending on Fluid Composition.

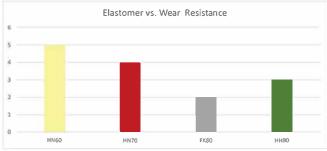
Based on ISO 16136-1 testing and field performance. Contact your MANTL Representative for additional information.

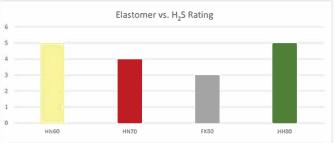


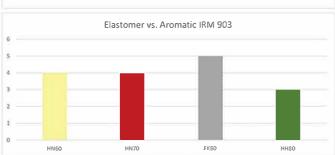


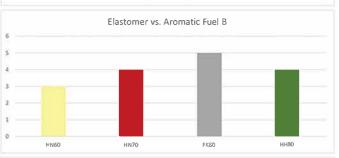


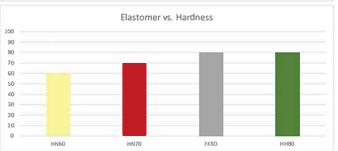












<sup>\*\*</sup> Limitations may occur at extreme levels under specific operating conditions.