



ENGLISH / SPANISH
REFERENCE GUIDE

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												Natural Rubber (R)	Electro Static Dissipative Natural Rubber (ESD R)	Neoprene (N)	Electro Static Dissipative Neoprene (ESD N)	Neoprene coated Viton® (NV)	Hypalon / Lead loaded neoprene / Hypalon (Y/LY)	Hypalon® (Y)	Butyl (B)	Polyurethane (U)	Polyurethane coated with Hypalon® (U/Y)		
MECHANICAL PROPERTIES	Tensile strength Psi	4038	3625	3190	2900	2610	1160	3335	1740	8700	4350	Resistencia a la ruptura Psi											
	Tensile strength MPa	29	25	22	20	18	8	23	12	60	30	Resistencia a la ruptura MPa											
	Elongation at break %	930	750	1000	800	900	500	500	750	700	600	Elongación a la ruptura %											
	Density	0.95	0.95	1.30	1.30	1.30	2.00	1.30	1.00	1.20	1.30	Densidad											
	Hardness durometer A	45	50	50	60	55	70	60	40	70	60	Dureza durometro A											
	Abrasion resistance	●●	●●	●	●	●	●	●	●	●●●	●	Resistencia a la abrasión											
	Tear resistance	●●	●●							●●●	●●●	Resistencia a corte											
	Puncture resistance	●●	●●	●	●	●	●●	●		●●●	●●●	Resistencia a la perforación											
	Flame resistance			●●●	●●	●●●	●●	●●●				Resistencia a la llama											
	Using limit low Temp. F	-76	-76	-22	-22	-4	-4	-4	-58	-40	-4	Baja temperatura limita de uso F											
	Using limit low Temp. C	-60	-60	-30	-30	-20	-20	-20	-50	-40	-20	Baja temperatura limita de uso C											
	Using limit high Temp. F	+212	+212	+266	+266	+266	+266	+266	+284	+176	+176	Alta Temperatura limita de uso F											
	Using limit high Temp. C	+100	+100	+130	+130	+130	+130	+130	+140	+80	+80	Alta Temperatura limita de uso C											
	Gas impermeability			●●	●●	●●●	●●	●●	●●●	●●	●●	Impermeabilidad al gas											
Electrical insulation	●●●		●●		●●	●●	●●	●●●	●●	●●	Insolación eléctrica												
CHEMICAL PROPERTIES	Natural ageing			●●	●●	●●●	●●●	●●●	●●●	●●●	●●●	Envejecer natural											
	U.V. Rays			●●	●●	●●●	●●●	●●●	●●●	●●	●●●	U.V. Rayos											
	Ozone			●	●●	●●●	●●●	●●●	●●	●●	●●●	Ozono											
	Concentrated oxidizing acids			●	●	●●●	●●	●●	●●●		●●	Ácidos que oxidan concentrados											
	Concentrated reduced acids 50%	●	●	●●	●●	●●●	●●●	●●●	●●●		●●●	Ácidos reducidos concentrados el 50%											
	Diluted acids	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●		●●●	Ácidos diluidos											
	Concentrated alkalis 50%	●●	●●	●	●●	●●	●●	●●	●●●	●●	●●	Álcalis concentrados el 50%											
	Dilutes alkalis and salt	●●●	●●●	●●	●●	●●●	●●●	●●●	●●●	●●	●●●	Álcalis diluidos y sal											
	Oils			●●	●●	●●●	●	●	●	●●	●	Aceites											
	Aliphatic solvents			●●	●●	●●●	●	●●	●	●●●	●●	Solvente alifáticos											
	Aromatic solvents			●		●●●				●		Solventes aromáticos											
	Cetonic solvents	●●	●●	●	●		●	●	●●●		●	Solventes cetonicos											
												Caucho Natural (R)	Disipante Electro Estático Caucho natural (ESD R)	Neopreno (N)	Disipante Electro Estático Neopreno (ESD N)	Neopreno cubrió con Viton® (NV)	Hypalon / neopreno cargó con plomo / Hypalon (Y/LY)	Hypalon® (Y)	Butyl (B)	Poliuretano (U)	Poliuretano cubrió con Hypalon® (U/Y)		

Legend / Legenda

- Not recommended
No recomendado
- Usable in some conditions
Usable en algunas condiciones
- Recommended
Recomendado
- Highly recommended
Recomendado altamente