WESTERN STATIC DISSIPATIVE SILICONE RUBBER

COMPARISON CHART OF WSDS & OTHER RUBBER

Sr No	Description	Other Rubber	WSDS	Comments
1	MOC (Material of construction)	Chlorinated/Nitrile Rubber	Silicone rubber	Silicone is preferred & suggested material for pharmaceutical applications
2	Area of application	Petroleum& Other Industries	Food, Beverage, Medical, Pharmaceuticals	WSDS is first choice in Pharmaceuticals & Medical industries
3	High Temperature resistance	No	Yes	WSDS always used for high temperature applications
4	Autoclavable property	No	Yes	WSDS is repeatedly autoclavable
5	Bacterial & Mildew resistance	No	Yes	WSDS is fungus resistant
6	Stable Static dissipative behavior independent from humidity	No	Yes	WSDS supports stable static dissipative behavior which is independent from humidity
7	Negative effect on metal corrosion and metal bonding	Yes	No	WSDS is suitable for Non-Corrosive material
8	Risk of hazardous residual monomers in rubber	Yes	No	WSDS is Non hazardous
9	Requirement of stabilizers	Yes	No	WSDS requires no stabilizers
10	Migration of anti-static agent to environment &contact material	Yes	No	There is no migration of anti-static agent to environment & contact material in WSDS material
11	Consistent compression set over wide range of temperature	No	Yes	WSDS gives consistent compression at a wide range of temperature