

	Property	Specification	Silicone	Other Rubbers
01	Food grade Medical Grade Skin Friendly	BPA Free Class VI, ISO 10993 Non reactive	✓	✗
02	Thermal Stability	Working Temperature	225 to –25 Celcius	60 to 0 Celsius
03	Ozone Resistance UV resistance Water Resistance	Resistivity to Ozone Resistivity to UV Rays Hydrophobic	✓	✗
	Electrical Resistivity	Insulating property	Yes 1mm withstands 3KV	except EPDM
04	Stability of properties over 2 years	Physical and Chemical stability	✓	Slow deterioration
05	Transparency	Translucent/ Transparent	✓	✗
06	Color options	Multiple color options	✓ upto 40–50	Very limited
07	Steam Resistance	High temperature steam resistance	✓	✗ except Nitrile
08	Microwave Resistance Oven & Convection Resistance Dishwasher & Freezer Safe	Can be used in Microwave Can be used in Convection ovens Home use product range	✓	✗
09	Fire Retardancy	UL94 compliant	✓ Special Grade	✗
10	Hardness	Hardness range	0 to 90 hardness	40–90 hardness
11	Anti-Tracking Property	ATH resistivity for Power transmission	✓ Special Grade	✗
12	Oil Resistance	Oil resistivity	✓ Special Grade	Yes, Nitrile