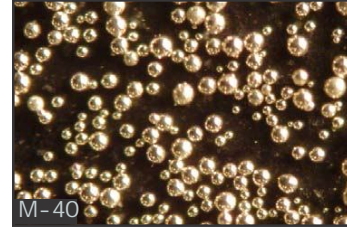


CONDUCTOSPHERES™

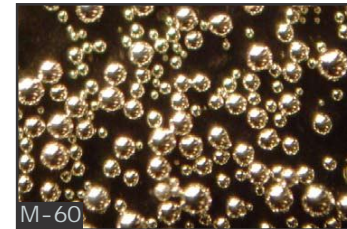
Silver coated hollow microspheres

CONDUCTOSPHERES are hollow glass microspheres coated with silver. They can be incorporated into paints, adhesives and composites to provide these materials with electrical conductivity and to shield against electromagnetic interference (EMI).



CONDUCTOSPHERES have low particle densities and so provide a significant weight reduction when used in place of conventional conductive fillers such as solid silver particles.

The CONDUCTOSPHERES range includes products with a variety of particle sizes, densities and crush strengths. Custom orders are also available where the properties of the CONDUCTOSPHERES can be tailored to meet the customer's specifications.



Product	Average particle size (µm)	Particle size range (µm)	True particle density (g/cm ³)	Bulk density (g/cm ³)	Crush strength (psi)
M-18	17	5-30	0.72	0.34	28000
M-30	27	10-45	0.62	0.37	18000
M-40	36	15-70	0.49	0.35	6000
M-45	43	15-80	0.32	0.20	2000
M-60	74	25-120	0.16	0.10	300

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