

Solder Spheres

Thanks to our special manufacturing technique PFARR solder spheres support all state-of-the-art and high-end applications.

Our lead-bearing and lead-free solder spheres are available in standard as well as customised alloy compositions and dimensions.

Standard alloys and diameters

Alloy	Diameter (mm)
Sn96.5Ag3Cu0.5P	0.3/0.35/0.4/0.45/0.5/0.6/0.889
SnPb36.7Sb0.3P	0.3/0.35/0.4/0.45/0.5/0.6/0.76

Standard tolerances

Diameter	Tolerances (mm)
0.3	± 0.0125
> 0.3 to ≤ 0.889	± 0.025

Packaging

Typical PFARR sphere packaging uses ESD- safe screw top containers and a desiccant to ensure the spheres are kept dry. Additionally solder spheres are packed under an inert atmosphere to safeguard all properties. One pack contains 50,000 spheres. Tape and reel packaging may be available upon request.

Shelf life and storage guidelines

We guarantee a shelf life of one year from date of production for our SnAg- and SnPb alloys.

Solder spheres should be stored in the original container, closed securely at or below normal room temperature, ideally stored in an inert atmosphere, such as a nitrogen dry box.

Safety Data Sheets

Please contact our local team to receive a copy.



For further information contact us:

