

Cryogenic spares

Woods Metal



For use where low temperature joints need to be demountable and vacuum tight at low temperature after repeated thermal cycles. Also used to make joints which avoid re-melting any neighbouring soft-solder joints.

Data

Melting point	65 to 70°C
Composition	50% Bi, 25% Pd, 12.5%Sn, 12.5%Cu
Tensile strength	Approximately half that of lead-tin solder
Stronger than lead-tin solder at 4.2 K	
Available in 200g pieces	