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Lead Materials

Certain Piconics Leaded Inductors are offered with alternate lead materials. The table below lists the characteristics of the different lead materials offered.

LEAD MATERIALS		
TYPE	PROPERTIES	LEAD CODE
KOVAR	Good mechanical strength, a reduction in Q at high frequencies, and is weldable and solderable.	00,01
TINNED COPPER	Adequate mechanical strength, higher Q at high frequencies, and is solderable.	10
SILVER PLATED COPPER RIBBON	Not suitable for screw tuning devices. It is weldable, Thermo-compression bondable, or ultrasonic bondable and is stronger than natural wire leads.	20
SOLID GOLD RIBBON	Not suitable for screw tuning devices. It is weldable, Thermo-compression bondable, or ultrasonic bondable and is stronger than natural wire leads.	30
NATURAL WIRE LEADS	More delicate than other types of leads.	40