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A reactive copper–organic matrix enables a molecular ink pathway to printable corrosion-resistant copper, converting solution-phase precursors into highly conductive copper circuitry at low temperatures under ambient conditions. This concurrent reduction-passivation process supports seamless formation of stable copper interconnects on flexible substrates while enhancing resistance to oxidation, corrosion, and long-term environmental degradation. See page 766. Illustration: C. Bickel/*Science*

Correction: This cover replaces the original 14 May cover illustration, which was created using artificial intelligence (AI) tools, a policy violation that we did not detect. The new illustration, based on the author's concept, was created in house without the use of AI.

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