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Company Name	SuperMag Technology (Shanghai) Co., Ltd.	
Address	Bldg A, No. 355, Guangzhong Road, Minhang District, Shanghai, China	
President	Dr. Zhao Yue	
Website	https://supermaghts.com/en/	
E-mail	yuxiyue@supermaghts.com	
Telephone	(86) 021-34681329	
Fax		
Exhibitor Introduction	<p>SuperMag is a high-tech startup founded in late 2022 as a spin-off from Shanghai Jiao Tong University. The company specializes in the development and manufacturing of second-generation high-temperature superconducting (2G HTS) tapes, leveraging globally advanced production equipment and cutting-edge technologies. Committed to delivering high-performance, cost-effective, and highly customizable HTS tape solutions, SuperMag serves broad applications in fusion reactors, power utilities, and large-scale scientific projects. The company combines world-class manufacturing capabilities with innovative R&D to address the growing global demand for advanced superconducting materials.</p>	
Exhibit Description	<p>Our product is built on a high-strength C276 substrate. PVD-based film processes deposit a precise oxide multilayer stack, fully surrounded with metallic stabilizers and lamination layers. The HTS tape delivers high current capacity and robust mechanical strength, meeting the demands of diverse applications. At the heart of our manufacturing line are ion-beam-assisted deposition (IBAD) and pulsed-laser deposition (PLD). IBAD creates a biaxially-textured MgO template, while PLD grows the epitaxial REBCO superconducting layer on top.</p>	
Exhibit Product	High-Temperature Superconducting Tapes	