



## 转移生带

## 41030-T

TRANSFER TAPE

适用于430型不锈钢的无铅转移生瓷带

Lead-Free Ceramic Transfer Tape for 430 type Stainless Steel

ESL 41030-T是由分散于有机基体中的无机介质粉末而形成的弹性挤塑薄膜。适用于430型不锈钢基板。该产品在850°C下烧结后会形成致密体。在压强为1.7-3.4MPa，温度为70°C的条件下，层压该生带效果最好。该转移生带被定型在硅涂层聚酯薄膜上，以减小环境污染，防止其受到机械损伤，且便于操作处理。

ESL 41030-T is a flexible cast film of inorganic dielectric powder dispersed in an organic matrix, designed to be applied to a 430 type stainless steel substrate and fired at 850°C. The 41030-T film will yield a dense body after firing. A pressure/temperature combination of 1.7 to 3.4 MPa and 70°C works well for laminating this tape. Transfer tape is provided on a silicone coated polyester film to minimize environmental contamination, to protect it from mechanical damage, and to aid in handling.

介电常数	DIELECTRIC CONSTANT:(at 1 kHz)		9.0-10.0
耗散因数	DISSIPATION FACTOR:(1 MHz)		≤ 0.5%
绝缘电阻	INSULATION RESISTANCE: (at 100 VDC, 25°C)		≥ 10 <sup>12</sup> Ω
击穿电压	BREAKDOWN VOLTAGE:		(DC) > 1000 V/25 μm
烧结温度	FIRING TEMPERATURE:		850°C
烧结收缩率	FIRED SHRINKAGE:(Using recommended processing parameters)	X and Y	0 %
		Z	50-55 %
烧结密度	FIRED DENSITY:(Theoretical)		2.82 g/cm <sup>3</sup>
生带厚度	TAPE THICKNESS:		110-140 μm
颜色	COLOR: Blue		蓝色