Metallisation
Thermal spray equipment and consumables

Material Data Sheet

Material Description 17E Al/Silicon

Related Specifications

BS EN 573-3:2019 EN AW-4043A, ISO 209-1:2007

Composition & Characteristics

Metallisation specification of chemical composition & characteristics* (where applicable)

Composition		
Element	**Min %**	**Max %**
Al	Balance	
Be		0.0003
Cu		0.300
Fe		0.600
Mg		0.200
Mn		0.150
Si	4.500	6.000
Ti		0.150
Zn		0.100
Others-Each		0.050
Others-Total		0.150

Packaging Form			
Format	**Diameter**	**Weight**	**Tolerance**
MIG (D300)	6kg		+/-0.5kg
Spool (H390)	6kg		+/-0.5kg
Coil	20kg		+/-0.5kg

Diameters (mm)		
1.6, 2.0, 2.3, 3.175 (1/8")		
Tolerances (mm)		
<1.99	+0.00	-0.05
2.0-2.5	+0.00	-0.06
>3.0	+0.00	-0.07
Ovality	<0.0254	0.00

*Other packaging forms, diameters & weights may be available for special request

Metallisation Ltd., Peartree Lane, Dudley, West Midlands, DY2 0XH, UK
Tel: +44 (0)1384 252464 Fax: +44 (0)1384 237196
Visit our website at www.metallisation.com
Registered in England No. 270156. Registered office: Peartree Lane, Dudley, DY2 0XH