

EXE58

TECHNICAL DATA SHEET

APPLICATION;	<i>Ceramic Coating especially developed for Medium Temperature Environments with Excellent Fouling Resistance.</i>
COATING THICKNESS	<i>Recommended; 125-200 Microns (4.92-7.87 Mils)</i>
TEMPERATURE ENVIRONMENTS	<i>400°C (752°F) – 450°C (842°F)</i>
SUITABLE SUBSTRATES	<i>Stainless Steel and Carbon Steel</i>
COLOR	<i>Brown</i>
COMPOSITION	<i>Silica Based Coating</i>
DATE	<i>2024 January</i>



Physical and Thermal Properties	Standard	Results
Surface		Good Surface - Glossy
Adherence	EN10209	Substrate; Stainless Steel and Carbon Steel Level 1
Roughness	ISO4288	Ra = 0,29 μm Rz = 1,52 μm
Hardness	ASTM C 1327-03	761 HV \pm 39 HV (61 HRC) Applying a force of 500mN load within 20 seconds.
Abrasion Test	EN ISO 5470-1	TABER - 5,000 Cycles – CS17 Lost Weight = 3,3 mg.
Maximum Substrate Working T^a		450°C - 842°F
Thermal Shock	Water quench FROM T^a (Water at 20°C)	450°C - NO DAMAGE