

ITC 213

Description: ITC 213 is an outstanding product especially formulated to protect *metals*, including those directly in contact with molten metal. It helps prevent stainless steel and steel parts from erosion, oxidation and fatigue from prolonged use at elevated temperatures. ITC 213 can be used alone or as a base coat for other ITC products.

Physical Properties:

Technical data should be considered representative and should not be used for specification purposes.

Coefficient of Thermal Expansion	Fractional < 1/16"
Temperature Use Limit	3500 ^o F
Cured Shrinkage	Negligible
Coverage	150 – 250 ft ² per gallon
Porosity	8-16%

Torch test @2500°F to determine ΔT of selected material

PLAIN CARBON STEEL	Hot Face	Cold Face	ΔT
Uncoated 1/8" thick plain carbon steel	2500 ^o	2450 ^o	50 ^o
Coated 1/8" thick plain carbon steel w/ITC 213 on hot face and cold face	2500 ^o	2200 ^o	300 ^o
Coated 1/8" thick plain carbon steel w/ITC 213 & 296A on both hot face and cold face	2500 ^o	1450 ^o	1050 ^o

The physical and/or chemical properties and specifications of the product set forth above represent typical average results obtained in accordance with generally accepted standard test methods conducted under controlled conditions, and are subject to normal manufacturing variations. ITC reserves the right to modify the properties and specifications at any time without prior notice.

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