

NSSC SERIES

FERRITIC



# Heat Resistant Ferritic Stainless Steel

**NSSC FH11**

18Cr-2.5Si-Nb-LC

## Features and Applications

NSSC FH11 has improved heat resistance through the addition of Si and Nb.

1. High performance red rust resistance in a burning atmosphere, as well as in a high-temperature humid atmosphere.
2. Superior to SUS 430 in high-temperature strength.

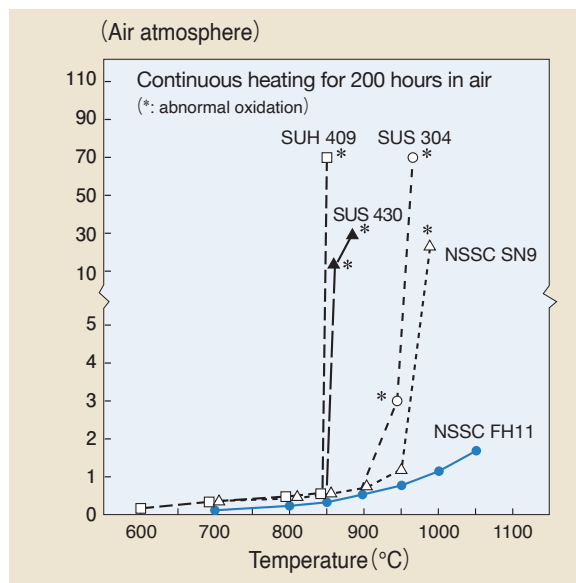
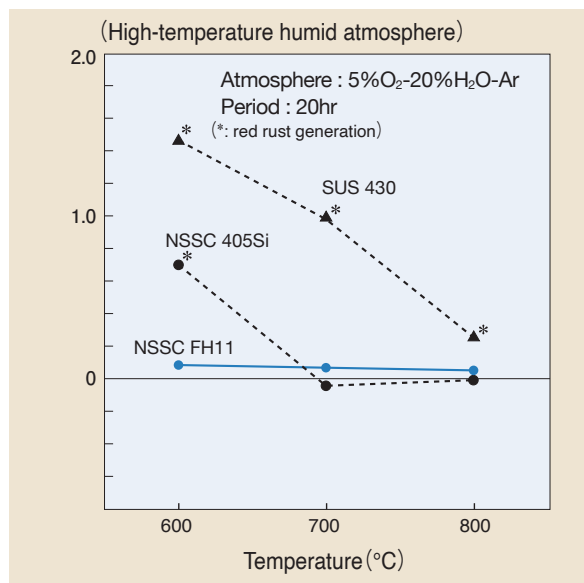
[ Applications ] Heater combustion parts, etc.

## Characteristics

### [Mechanical properties]

	Yield strength 0.2% offset N/mm <sup>2</sup>	Tensile strength N/mm <sup>2</sup>	Elongation %	Hardness HV/1kg
Specification	≥205	≥410	≥22	≤230
Typical values	431	588	29	203

### [Oxidation resistance]



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