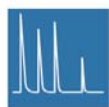


GOW-MAC[®]
INSTRUMENT CO.

Chemical Resistance Behavior of Various GOW-MAC Filaments

Substance	Tungsten (W/WX)	Nickel (Ni)	Gold-sheathed Tungsten (AuW)
Air/Oxygen	Good	Good	Very Good
Water	Good	Good	Good
Steam	Good below 700 °C	Good	Good
Ammonia/Amines	Good	Poor in presence of H ₂ O	Poor
CO/CO ₂	Good	Good	Good
Hydrogen	Good	Good	Good
Nitrogen	Good	Good	Fair
Fluorine	Poor (fluoride) forms at 20 °C	Good	Poor
Chlorine	Fair	Good	Fair
Bromine	Fair	Good	Fair
Iodine	Fair	Good	Fair
Sulfur	Fair	Poor	Good
H ₂ S/SO ₂ (sulfuric acid)	Fair	Poor	Good
HC	Fair	Good	Fair
Aqua Regia	Fair	Poor	Poor
HF	Fair	Good	Fair
HF/HNO ₃	Poor	Good	Poor



GOW-MAC[®]
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Analytical instruments since 1935



ISO 9001:2008
FM 501002

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