

HEXAFLEX OMEGA® IS AN ULTIMATE GRADE OF GRAPHITE FOIL INTENDED FOR HIGH TEMPERATURE AND HEAT TRANSFER APPLICATIONS. UNIQUE TECHNOLOGY OF CHEMICAL AND THERMAL PURIFICATION ENSURES HIGHEST LEVEL OF PURITY OF **HEXAFLEX OMEGA®** WHICH IS UNRIVALED ON THE MARKET: PURITY LEVEL OF > 99.9% AND ZERO LEVEL OF ELEMENTS WHICH PROVOKES CORROSION (SULPHUR AND HALOGENS).



HEXAFLEX OMEGA® IS INTENDED FOR CRITICAL APPLICATIONS OF MODERN TECHNOLOGIES SUCH AS SOLAR, SEMICONDUCTOR, ENERGY TRANSFER AND HEAT DISSIPATION.

DUE TO HIGHEST PURITY THIS MATERIAL IS CAPABLE OF WITHSTANDING EXTREME TEMPERATURES (UP TO 3000C) AT VACUUM/INERT ENVIRONMENT WITHOUT DEGRADATION AND WITH THE RETENTION OF HIGH THERMAL AND ELECTRICALLY CONDUCTIVITY PROPERTIES.



- Carbon Content, %
- Ash Content, %
- Sulphur Content, ppm
- Chlorine Content, ppm
- Fluorine Content, ppm
- Density, g/cm³
- Thickness Of Roll (Sheet), mm
- Thermal Conductivity (Parallel To Surface X Through Surface), w*m⁻¹*k⁻¹
- Specific Electrical Resistivity (Parallel To Surface X Through Surface), μm

OMEGA

> 99.9
< 0.1
< 20 ppm
10 ppm
10 ppm
1.0
0.2 – 1.0 (0.5 – 1.0)
220 x 4.5
10 x 650

OMEGA TC+

> 99.9
< 0.1
< 20 ppm
10 ppm
10 ppm
1.6
0.2 – 0.5 (0.5 – 1.0)
500 x 4.5
5.5 x 600