

Technical Data Sheet

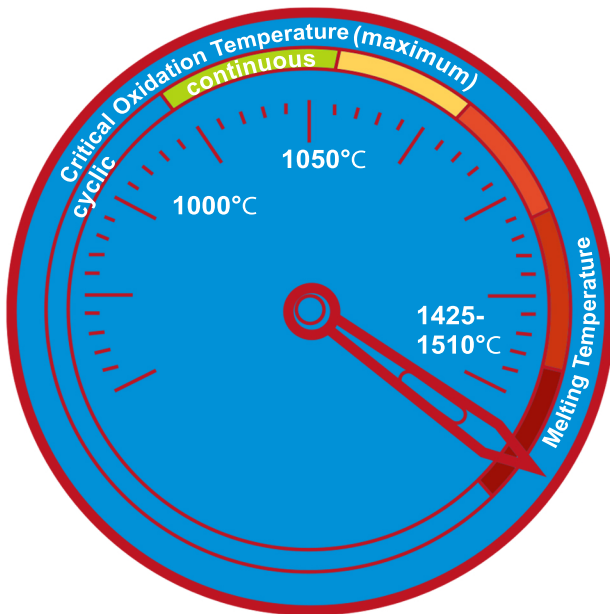
MICROTEX®

HT

Our most popular material for high performance OEM vehicles

A high-temperature resistant Acoustic Absorption and Filter material made from Fibretech's unique stainless steel filaments. Microtex HT is used in packed Automotive exhaust silencers (mufflers), either independently or in conjunction with other sound absorption materials.

Chemical Composition:(maximum unless stated)



**Microtex Weight
Per Linear Metre(+/-10%)**

@ 100mm wide - 45 g/m

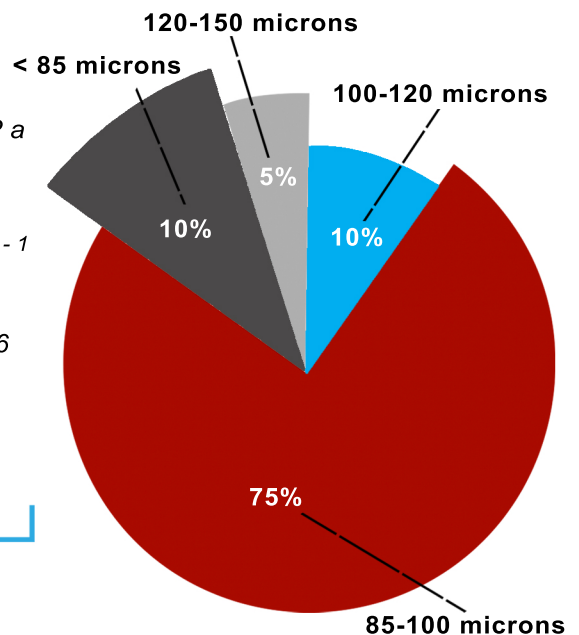
@ 140mm wide - 75 g/m

@ 160 mm wide - 85 g/m



**Filament Cross
Section Distribution**

Equivalent Diameter %
average diameter (in microns) = 90



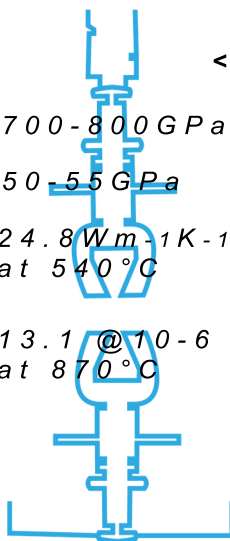
**Tensile
Strength**

Ambient°C ----- 700-800 GPa

At 870°C ----- 50-55 GPa

**Thermal
Conductivity** ----- 24.8 Wm⁻¹K⁻¹
at 540°C

**Coefficient of
Thermal
Expansion** ----- 13.1 @ 10⁻⁶
at 870°C



Cert No. 1493
ISO 14001:2015



Cert No. GB00273
BS EN ISO 9001:2015

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