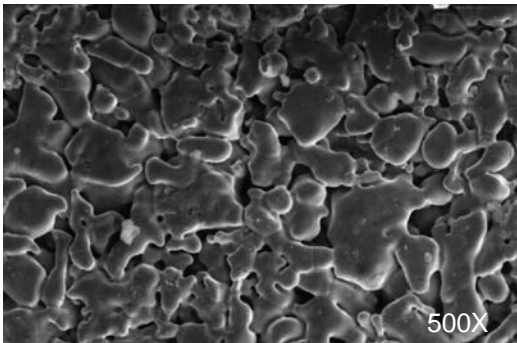
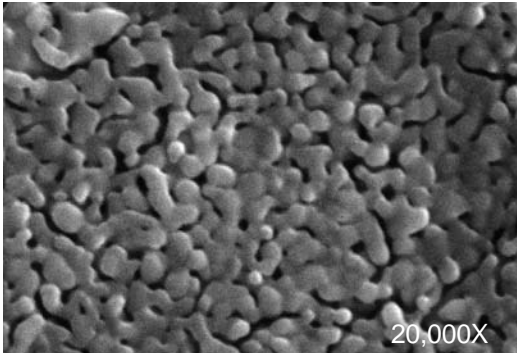




Scepter tube sheet



Close-up of porous stainless steel tube



Unique TiO₂ coating improves filtration performance

Recover Catalysts with Scepter[®] Microfiltration

Extremely tight microfiltration—0.1 micron. Smooth titanium dioxide surface membrane prevents particle penetration and plugging. A0.02 micron membrane is also available.

Less frequent fouling and easier cleaning

High temperature—able to operate continuously up to 600°F.

High pressure capability—up to 1,000 psig and more.

Inherent mechanical strength

Scepter microfiltration modules and media can recover catalysts as efficiently as conventional filters, and even better, without frequent fouling and cleaning.

The key is the patented, permanent titanium dioxide membrane annealed to the stainless steel substrate tube. The 0.1 micron removal rating prevents small particles from penetrating the substrate, which normally results in fouling, high pressure drop, low flux, and frequent cleaning.

Modules are normally operated in crossflow configuration. Customized modules can be made or tubes provided to retrofit existing systems.

Call LCI to learn how Scepter can save you time and money in your catalyst recovery operation.

Scepter[®] is a trademark of Graver Technologies



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