A STERRAD 100 next to a 3M 5XL Steri-Vac.
The black dye of the anodization is stripped off the door—by the Hydrogen Peroxide exhausted from the STERRAD System.
The Steri-Vac door is anodized entirely black. The only black portion remaining after six months next to the STERRAD system is the area protected from the door gasket when the door is closed.
The removal of the anodization on the surface does not appear to affect the performance of the Steri-Vac.
It does however indicate that Hydrogen Peroxide exhausted from the STERRAD sterilizer is present in the working environment and has not fully broken down.