

V to G Conversion and NOx/ HD Prefilters

The US Chemical Materials Agency developed the DAAMS thermal desorption monitoring methods for chemical warfare agents over 20 years ago. Two important tools in this method are V to G conversion pads and NOx/HD prefilters. Camsco has been a leader in the development of quality standards and innovations since 1991.

VGT & V to G Conversion Pads

V-to-G conversion pads are used to convert the nerve agent VX to the more easily detectable and volatile G analog. V-to-G conversion pads (silver fluoride/AgF pads) have been used for years by trapping AgF impregnated pads in compression fittings at the distal end of sample lines. In 2000, Camsco invented the VGT (patents pending). The VGT simply moves the AgF pads out of the compression fitting and into a Teflon tube.

The four major benefits:

1. 2-8 AgF pads can mean less frequent change outs and better recoveries.
2. Traceability VGT tubes can be labeled and tracked in LIMS.
3. VGTs can be changed out while in heavy PPE.
4. ACAMS/MiniCams confirmation.

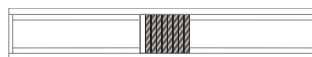
VGTs are available in English and metric sizes from $\frac{3}{16}$ " to $\frac{5}{8}$ " in $\frac{1}{16}$ th increments with 1-8 AgF pads and in lengths from 2-24." They can be laser marked, color banded, and labeled with expiry date, lot # and flow direction.

VGT's V-G Conversion Tubes	Part Number
$\frac{1}{2}$ " VGT (13mm)	VGT13
$\frac{3}{8}$ " (9.5mm)	VGT9
$\frac{5}{16}$ " VGT (8mm)	VGT8
$\frac{1}{4}$ " VGT (6mm)	VGT6
$\frac{3}{16}$ " VGT (5mm)	VGT1875

NOx / HD Prefilters

NOx prefilters are used in conjunction with HD chemical agent real time and historical monitoring to remove environmental NOx preserving sample integrity for DAAMS and PCTs. They are available in diameters from $\frac{3}{16}$ " to $\frac{5}{8}$ " in $\frac{1}{16}$ " increments and in any length. Standard tubes are made from virgin PTFE tubing.

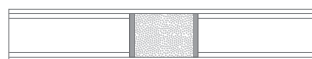
VGT Conversion Pad Assemblies



V to G Conversion Pads



NOx/HD Prefilters



NOx/HD Pre-filter	Part Number
$\frac{1}{2}$ " NOx (13mm)	131416
$\frac{3}{8}$ " NOx (9.5mm)	91416
$\frac{5}{16}$ " NOx (8mm)	81416
$\frac{1}{4}$ " NOx (6mm)	61416

To talk to an expert, or for a free sample, call 800-448-3280.