

PRODUCT SPECIFICATION

PT47 FILTER

Dimensions

Exterior Diameter of Ring ¹	46.2mm ± 0.25mm
Interior Diameter of Ring	38.8mm ± 0.25mm
Ring thickness	0.38mm ± 0.04mm

Materials

Filter Membrane	PTFE (polytetrafluoroethylene)
Ring Media	FEP (fluorinated ethylene propylene)

Properties

Pore Size	2µm as measured by ASTM F 361-94
Efficiency	99.99% min on 0.1 µm particles @ 10.5 fpm air velocity
Air flow	2.5 cfm / ft ² minimum air flow @ 0.5" H ₂ O
Typical weight	400mg
Density	2.16 g/cm ³

Identification

Alphanumeric and/or two-dimensional Data Matrix bar code printed on face of filter media. ID on both sides of filter. ID ink is non-evaporative and gravimetrically stable.

Regulatory Compliance

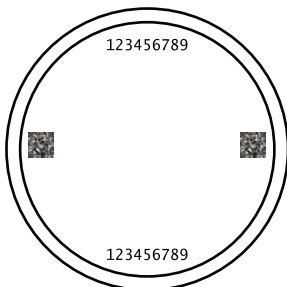
The MTL PT47 filter complies with the following industry regulations:

- PM_{2.5} Reference Method under the requirements of 40 CFR 50
- 40 CFR 1065 requirements for PTFE filter

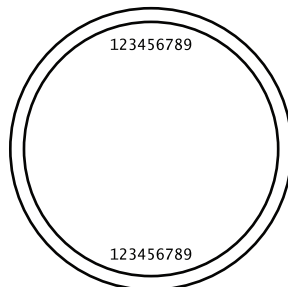
¹ Note: Gravimetric filters are routinely described as 47mm when in reality they are 46.2mm. This is routine throughout the industry and is not unique to MTL. The 46.2mm specification was originally written into the U.S. EPA's 40 CFR Part 50 regulation and has been standard ever since.

FILTER CODING OPTIONS

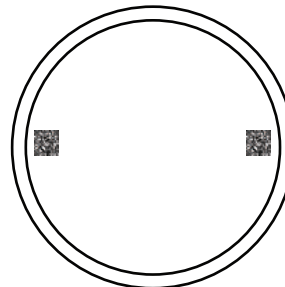
DMCAN - Data Matrix and Alpha Numeric



AN - Alpha Numeric



DMC - Data Matrix Serial Number



P - Plain

