# PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

# Catalog Number

## 47450-05

**CUSTOM ITEM: Adapter, for use with Low to Medium Pressure HPLC. 10-32 female to 1/4"-28 female connection, 0.25 mm bore size. PEEK. ARE-Applied Research brand. Bulk Pricing**

### Additional Info

The 47450 05 PEEK HPLC Adapter is a precision fluidic connection fitting designed for low to medium pressure HPLC applications. This adapter converts standard 10 32 female inlet threading to 1/4 28 female column threading, providing secure and reliable integration between tubing connections and PEEK column hardware systems.

Engineered with a 0.25 mm internal bore, this adapter supports low dead volume flow paths, helping maintain chromatographic efficiency, peak shape, and reproducibility.

Manufactured from high-performance PEEK (polyether ether ketone), this fitting ensures a fully bioinert flow path, eliminating unwanted interactions with metal surfaces. It is ideal for proteins, peptides, nucleic acids, ions, and metal sensitive compounds, where maintaining analyte integrity is critical.

Key Benefits

Thread Conversion (10 32 to 1/4 28) Enables compatibility between standard tubing and PEEK column systems

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