PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

47450-01

Union, Column Coupler, universal fit 0.13 mm through hole 0.005 inch (0.13 mm) ID tubing. Color coded red. PEEK. ARE-Applied Research brand. 1 EA.

Additional Info

The 47450 01 Column Union (Universal Fit) is a precision HPLC column coupler designed to connect two analytical columns or a guard column and analytical column in series without introducing excessive dead volume. This fitting is optimized for 0.005 /in (0.13 /mm) ID tubing, making it ideal for analytical HPLC and UHPLC systems where efficiency and peak integrity are critical.

The fluid path is entirely PEEK, manufactured from Ultra T™ PEEK tubing to provide excellent concentricity, chemical compatibility, and mechanical stability. This construction helps maintain laminar flow through the connection and minimizes dispersion between columns.

A red polypropylene sleeve is used to color code the internal diameter, allowing quick visual confirmation of tubing size during installation and maintenance—an important UX feature in busy laboratory environments.

Key Features

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