PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

47450-02

Union, Column Coupler, universal fit 0.18 mm through hole 0.007 inch ID tubing. Color coded yellow. PEEK. ARE-Applied Research brand. 1 EA.

Additional Info

The 47450 02 Column Union is a precision HPLC column coupler designed to reliably connect two HPLC columns or a guard column and analytical column in series while maintaining low dead volume and consistent flow geometry. It is optimized for 0.007 /in (0.18 /mm) ID tubing, a common internal diameter for analytical scale HPLC methods.

The fluid path is entirely PEEK, manufactured from Ultra T™ PEEK tubing, providing excellent concentricity, chemical resistance, and pressure stability. This construction helps preserve chromatographic efficiency by minimizing dispersion at the column to column connection.

A yellow polypropylene sleeve color codes the internal diameter, allowing fast visual confirmation during installation, method setup, or maintenance—an important UX feature in multi method laboratory environments.

Key Features

Precision Column to Column Connection

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