PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

49905-30-SD

Direct Adaptive HPLC Column Connector, single end fitting with 0.005" ID x 1/16th" OD, 300 mm long stainless steel tubing. MICROSOLV Brand. 1 EA.

Additional Info

The 49905 30 SD Direct Adaptive (Di Ad™) HPLC Column Connector is designed to provide a reliable, low dead volume connection between HPLC system components and analytical columns without requiring repeated ferrule adjustments when changing column brands.

This single end fitting assembly includes precision laser cut 0.005" (127 µm) ID stainless steel tubing with a 1/16" OD and 300 mm (11.81") length for optimized chromatographic performance and reduced extra column dispersion.

The spring loaded Di Ad™ fitting automatically adjusts tubing pilot length during installation, helping ensure a tight seal with minimal void volume across different HPLC column inlet and outlet geometries. This self adjusting design reduces the need to manually reposition ferrules or re swage tubing during column replacement procedures.

These connectors are commonly installed between the injector and column inlet as well as between the detector and column outlet to help minimize system volume induced band broadening and maintain chromatographic efficiency.

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