

## Which column coupler do you recommend for pairing HPLC columns with guard columns- Tech Information

The ARE-Applied Research™ brand of column couplers are used to connect the flow of two HPLC columns or a guard column and an analytical column directly in series.

Below is our recommended selection chart to match your flow rate and a suggested union-column coupler (ID). The ID of the coupler should be determined based on your application, where the faster the flow, the larger the bore (ID) is needed.

<b>Flow rate</b> <i>(milliliters / minute)</i>	<b>Through Hole</b> <i>(mm)</i>	<b>Through Hole</b> <i>(inch)</i>	<b>Column Coupler</b> <i>Cat. No.</i>
up to 0.5	0.13	0.005	<a href="#">47450-01</a>
≤1.0	0.18	0.007	<a href="#">47450-02</a>
1.0 – 2.0	0.25	0.010	<a href="#">47450-03</a>
≥2.0	0.50	0.020	<a href="#">47450-04</a>

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