



# Efficiency HPLC → UHPLC

Column Length	Efficiency of 5µm	Efficiency of 3µm	Efficiency of 1.7µm
250	22000		
150	12700	16800	26460
100	8300	10700	21000
50	4000	6000	11200
30		3200	7000
20			3000

↑  
Increase Speed  
Save Solvent  
↓  
8 fold

Moving from a 150mm 5µm column to a 50mm 1.7µm will provide the same efficiency

**Therefore equivalent Separating Power**