

RediSep Prep HPLC Columns Loading and Flow Rate Guide



ID (mm)	Length (mm)	Grams of Media	Loading Range Reverse Phase	Loading Range Normal Phase	Optimum Flow Rate (mL/min)	Approximate Column Volume (mL)
4.6	150	1.5	1.5–15 mg	15–150 mg	1.0	1.6
10	150	7	7–70 mg	70–100 mg	4.7	7.7
10	250	12	12–120 mg	120 mg–1.2 g	4.7	12.8
20	150	28	28–280 mg	280 mg–2.8 g	18.9	30.6
20	250	47	47–470 mg	470 mg–4.7 g	18.9	51.1
21.2	150	32	32–320 mg	320 mg–3.2 g	21.2	34.4
21.2	250	53	53–530 mg	530 mg–5.3 g	21.2	57.3
30	150	64	64–640 mg	640 mg–6.4 g	42.5	68.9
30	250	106	106–1060 mg	1.1–11 g	42.5	114.9
50	150	177	177–1770 mg	1.7–17 g	118.1	191.4
50	250	295	295–2950 mg	2.9–29 g	118.1	319.1



TELEDYNE ISCO
Everywhereyoulook™

4700 Superior Street
Lincoln, NE 68504
800.228.4373
teledyneisco.com

The recommended maximum pressure for 10 mm and larger diameter RediSep Prep Columns is 3500 psi (240 bar). The maximum pressure is in line with other manufacturers. Generally recommended pressure limits are not found on the suppliers website but are inside the Column Care and Use Guide.