

Bio-Safe™ columns are “biocompatible” and precision-machined from virgin PEEK™ (polyetheretherketone), a strong, inert polymer material, and are metal free for biotechnology and ion chromatography applications. PEEK columns are used when analytes are sensitive to the metals in stainless steel hardware. Proteins, peptides, and ions may have this susceptibility. PEEK is also compatible with most mobile phases used in HPLC. While THF will cause PEEK to swell, this is generally limited to PEEK capillary tubing <1.0 mm ID.



- Available with PEEK or Titanium frits (several size options available)
- Convenient, strong threaded design that is stable at pressures up to 8,000 psi (552 bar)
- High efficiency connections and surface finish for optimum performance
- Bio-Safe packing adapters are available for inner diameters of 2.1 mm and 4.6 mm

Part #	Product Name
5050IP-05021-002-20	Bio-Safe™ Systems 2.1mm ID 2cm
5050IP-05021-003-20	Bio-Safe™ Systems 2.1mm ID 3cm
5050IP-05021-0033-20	Bio-Safe™ Systems 2.1mm ID 3.3cm
5050IP-05021-005-20	Bio-Safe™ Systems 2.1mm ID 5cm
5050IP-05021-010-20	Bio-Safe™ Systems 2.1mm ID 10cm
5050IP-05021-015-20	Bio-Safe™ Systems 2.1mm ID 15cm
5050IP-05021-020-20	Bio-Safe™ Systems 2.1mm ID 20cm
5050IP-05021-025-20	Bio-Safe™ Systems 2.1mm ID 25cm
5050IP-05021-030-20	Bio-Safe™ Systems 2.1mm ID 30cm
5050IP-08046-003-20	Bio-Safe™ Systems 4.6mm ID 3cm
5050IP-08046-0033	Bio-Safe™ Systems 4.6mm ID 3.3cm, No Frit
5050IP-08046-0033-20	Bio-Safe™ Systems 4.6mm ID 3.3cm
5050IP-08046-005	Bio-Safe™ Systems 4.6mm ID 5cm, No Frit
5050IP-08046-005-20	Bio-Safe™ Systems 4.6mm ID 5cm
5050IP-08046-005-20TI	Bio-Safe™ Systems 4.6mm ID 5cm, Titanium Frit
5050IP-08046-0075-20	Bio-Safe™ Systems 4.6mm ID 7.5cm
5050IP-08046-010-20	Bio-Safe™ Systems 4.6mm ID 10cm
5050IP-08046-0125-20	Bio-Safe™ Systems 4.6mm ID 12.5cm
5050IP-08046-015-20	Bio-Safe™ Systems 4.6mm ID 15cm
5050IP-08046-020-20	Bio-Safe™ Systems 4.6mm ID 20cm
5050IP-08046-025-20	Bio-Safe™ Systems 4.6mm ID 25cm
5050IP-08046-030-20	Bio-Safe™ Systems 4.6mm ID 30cm
5050IP-10100-005-50TI	Bio-Safe™ Systems 10mm ID 5cm
5050IP-10100-010-50TI	Bio-Safe™ Systems 10mm ID 10cm
5050IP-10100-015-50TI	Bio-Safe™ Systems 10mm ID 15cm
5050IP-10100-030-50TI	Bio-Safe™ Systems 10mm ID 30cm