

EXP[®] Ti-REX[™]

FITTINGS



Hand-Tight 360um Fittings

Hand-Tight PEEKsil[®] Tube Set

Meet the EXP Ti-REX Fittings - a new, versatile approach to UHPLC connections for any 10-32 port. Utilizing bottom-of-the-port PEEK sealing, combined with EXP Titanium Hybrid Ferrule technology, the Ti-REX family offers robust, leak-free, cost-efficient solutions. The patented inverted geometric design firmly compresses the PEEK sleeve of the PEEKsil or fused silica tubing against the tube stop of any instrument port, creating a true zero-dead-volume (ZDV) connection without fracturing the fused silica. Ti-REX Fittings can be purchased with a 0.5um frit embedded in the tip to create an integral filter or capillary column end-fitting for standard 1/16" tubing ports.

Advantages of EXP Ti-REX Fittings

- Rated hand-tight up to 21,000psi+ (1,500 bar+)
- Robust one-piece design intended for many repeat uses
- Create custom fitting sets, sample loops, capillary column end-fittings, etc.
- Zero-dead-volume (ZDV) connections without the risk of fracturing fused silica tubing or overtightening
- Universal design - fits any 10-32 port
- Use with any 1/32" or 360um OD tubing
- Leak prevention - does not 'point load'
- PEEK wetted material for biocompatibility
- Easily fits into tight spaces
- Significant cost savings (20-30% less than alternatives)

EXP TI-REX Hand-Tight Fittings - 360um OD Tubing

Includes fittings, PEEK Sleeves and EXP Ti-REX Driver - tubing sold separately

FITTINGS	2 PACK		10 PACK	
	15-24-05532	15-24-05533	15-24-05532	15-24-05533
	15-24-05534	15-24-05535	15-24-05534	15-24-05535

EXP Ti-REX 10-32 Universal Fittings (21,000+ psi)

EXP Ti-REX 10-32 Universal Fittings, with 0.5um Frit (15,000psi)

EXP TI-REX Hand-Tight PEEKsil[®] Tube Set Assemblies

Includes fittings, tubing and EXP Ti-REX Driver - ready to use

1/32" PEEKSIL TUBE SETS		150mm	250mm	350mm	550mm	650mm
	25um (Orange)	15-0250150-PS	15-0250250-PS	15-0250350-PS	15-0250550-PS	15-0250650-PS
	50um (Beige)	15-0500150-PS	15-0500250-PS	15-0500350-PS	15-0500550-PS	15-0500650-PS
	75um (Black)	15-0750150-PS	15-0750250-PS	15-0750350-PS	15-0750550-PS	15-0750650-PS
	100um (Red)	15-1000150-PS	15-1000250-PS	15-1000350-PS	15-1000550-PS	15-1000650-PS
	150um (Purple)	15-1500150-PS	15-1500250-PS	15-1500350-PS	15-1500550-PS	15-1500650-PS



OPTIMIZE TECHNOLOGIES