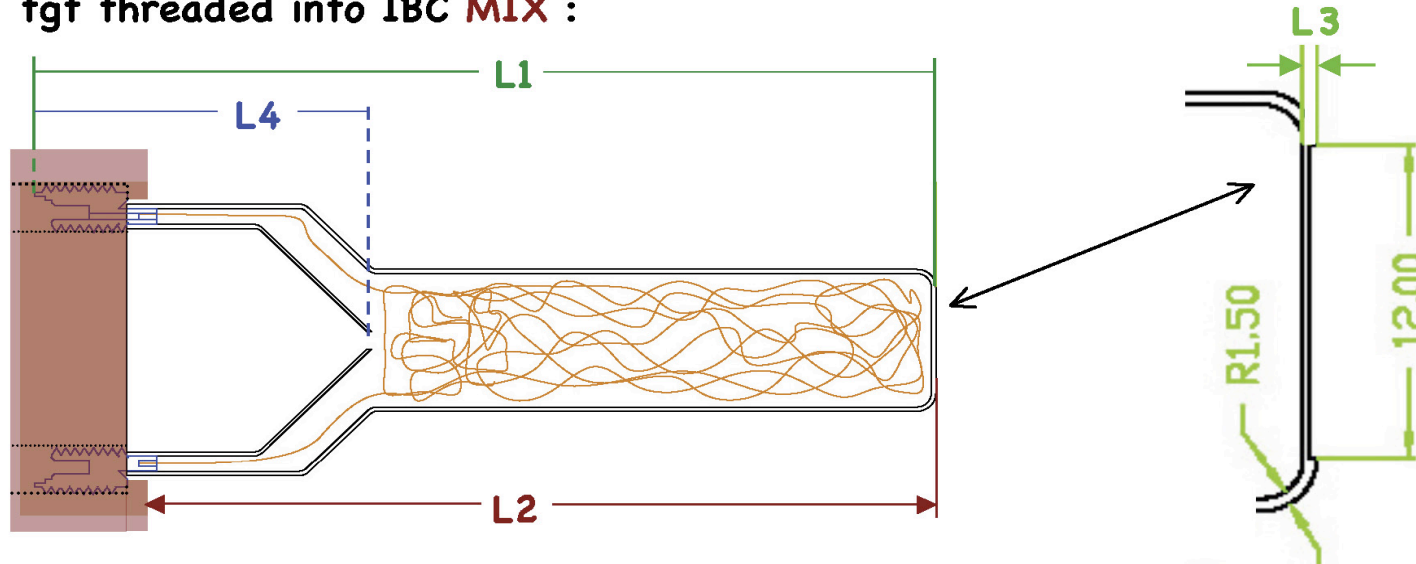## II. Verify Kel-F material in full and empty

This requires local shifts to compensate for differences in cell dimensions.

Lengths of target cells used in g14 (ref. tgt cell Log 2, p 86)

tgt threaded into IBC MIX :

Tgt #	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L2-L3 (mm)	KelF beam exit Z-offset* (mm) relative to 21a	L1-L3-L4 (mm)	KelF beam entrance Z-offset* (mm) relative to 21a
21a	96.21	82.24	0.11	36.90	82.13	0.00	59.20	0.00
19b	95.75	81.65	0.02	34.10	81.63	-0.50	61.63	-2.43
22b	95.54	81.87	0.25	35.65	81.62	-0.51	59.64	-0.44

* negative Z-offsets require a shift to the right (downstream) to align with EMPTY(21a).

target cell lengths used in g14