

Filters available for FORCAST observations during SOFIA Basic Science

Filter	Lambda (um)	Lambda Range (50% Transmission)
5.6um	5.61	5.57 - 5.65
6.3um	6.35	6.28 - 6.42
6.6um	6.61	6.51 - 6.71
7.6um	7.71	7.46 - 7.95
8.6um	8.61	8.50 - 8.71
11.0um	11.08	10.61 - 11.54
11.3um	11.35	11.24 - 11.45
12.3um	12.36	11.85 - 12.87
19.5um	19.8	17.32 - 22.27
30.6um	31.0	28.61 - 33.39
38.0um	37.95	37.08 - 38.81

NOTES:

(i) 7.6um filter: light leaks from 7.25--7.35um into filter, but are likely to be cut off by the atmosphere.

(ii) 38.0um filter: short wavelength end of bandpass will be cut-off by a blocking filter, and the long wavelength end will be cut-off due to low detector sensitivity.