

Recommended service temperature for fluoropolymers

Fluoropolymer materials are known for their outstanding properties under a variety of applications. They are used where high temperatures in combination with aggressive medias or critical environments require an excellent tubing. Even in minus degrees these materials have a good performance.

To give you an overview we have summarised the temperature conditions under which fluoropolymer tubing made by ScanTube can perform:

Material	Lowest temperature	Highest temperature
PTFE	- 200 °C	+ 260 °C
FEP	- 200 °C	+ 260 °C
PFA	- 200 °C	+ 200 °C
ETFE	- 60 °C	+ 150 °C
PVDF	- 0 °C *	+ 150 °C

***Remarks:** PVDF lowest service temperature is highly depending on the grade of material chosen. Therefore we recommend that you contact us by case to discuss the best choice of material.

Sources: All above mentioned values are originated from raw material suppliers.

All values stated are recommendations only. Due to the complexity of the different materials and grades we would give you a custom made suggestion depending of your application. Under special circumstances like pressure, special medias used and / or mechanical stresses these values can not always be representative. ScanTube takes no reliability, responsibility or whatsoever for these values.

If you have any questions please do not hesitate to contact us.