



Filled PTFE Tubing

Technical Properties

By adding a filler to PTFE, you can improve the wear resistance and conductivity without greatly affecting the lubricious surface.

Abrasion in weight (%)

	500 000 cycles			1 000 000 cycles		
	23°C	150°C	180°C	23°C	150°C	180°C
100% PTFE	Rubbed through after 30 000 cycles					
PTFE + 7% PPS	Rubbed through after 50 000 cycles					
PTFE + 7% Ceramer	0.4	0.6	1.8	0.9	1.5	2.8
PTFE + 3% Ceramer	1.6	3.5	N/A	2.3	N/A	N/A
PTFE + 4% Ceramer + 3% Additives	0.3	0.2	N/A	0.9	0.5	N/A

All abrasion tests were carried out without using any lubricant such as silicone fluid. (Source: Ticona)

N/A = Not measured

FDA Approved: The PTFE material and ceramer meet the requirements by the Food and Drug Administration (FDA) for the safe use as articles or components of articles intended for repeated use in contact with food.

For more information about our Filled PTFE Tubing, please visit [adtech.co.uk](https://www.adtech.co.uk).

For technical assistance, contact our customer service team:

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