

TEFLON CAN'T STAND THE HEAT



1,202° CF4 (carbon tetrafluoride) Global warming gas; affects heart, lungs, & nervous system ¹
1,112° CF3COF (trifluoroacetic acid fluoride) degrades to HF & TFA OFCB (octafluorocyclobutane) Linked to heart palpitations PFB (perfluorobutane) Global warming gas ¹
932° COF2 (carbonyl fluoride) fluorinated version of chemical warfare agent HF (hydrogen fluoride) Corrosive gas. Kills tissue on contact ²
887° PFIB (perfluoroisobutene) Chemical warfare agent ³
878° SiF4 (silica tetrafluoride) highly toxic by inhalation & ingestion ¹
680° Toxic gasses released: TFE (tetrafluoroethylene) animal carcinogen HFP (hexafluoropropene) worker toxicant TFA (trifluoroacetic acid) poisonous to plants DFA (difluoroacetic acid) Animal kidney toxicant MFA (monofluoroacetic acid) lethal to humans at low doses PFOA (perfluorooctanoic acid) animal carcinogen ⁴
554° Ultrafine particulates released (oxidized Teflon particles) ⁵
464° Lowest temperature at which Teflon particles have been measured ⁶

CHEMICAL RELEASES

COMMON COOKING TEMPERATURES

1,500° Broiling temperature for high-end ovens ⁷
1,000° Drip pans in stovetop burner Gas flame on range top ⁸
800° Electric coil on range top ⁸
750° Surface temperature of PTFE-coated pan after heating for 8 minutes on conventional stove ⁹
700° Preheated grill ¹⁰
536° Birds killed in DuPont lab experiments ⁵
500° Searing temperature for meat in oven or grill Maximum temperature for many ovens
396° Temperature of PTFE-coated light bulbs under which Missouri birds died ¹¹
350° Common baking temperature
325° Birds died from preheated oven ¹²

All temperatures are in degrees Fahrenheit

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FAHRENHEIT (F) TO CELSIUS (C) CONVERSION

1,500 F (816 C)	700 F (371 C)
1,202 F (650 C)	680 F (360 C)
1,112 F (600 C)	662 F (350 C)
1,000 F (538 C)	536 F (280 C)
932 F (500 C)	500 F (260 C)
887 F (475 C)	464 F (240 C)
878 F (470 C)	396 F (202 C)
800 F (427 C)	350 F (177 C)
750 F (399 C)	325 F (162 C)