THINK YOU’RE HOT?
So Does Cancer
An increase in skin temperature leads to a higher penetration of cancer-causing substances.

Antimony
Asbestos
Cadmium
Uranium
Acrolein
Benzene
Methylene Chloride
Polyaromatic Hydrocarbons
Perchlorethylene
Toluene
Trichloroethylene
Trichlorophenol
Xylene
Formaldehydes
Crystalline Noncrystalline Silica
Silicates
YOUR JOB COULD BE THE HOTTEST.
Where to play it safe

IT’S NOT ME, IT’S YOU.
How to reject cancer
A 2017 study by G. Horn, et al. shows that skin temperatures can reach more than 100 degrees Fahrenheit during both interior and exterior fireground operations. With every 5º increase in skin temperature, absorption of dangerous chemicals increases by 400%.

An increase in skin temperature leads to a higher penetration of cancer-causing substances.

5. Graphics represent the average skin temperature from Freitas, 1999 and the maximum skin temperatures for interior attack from Horn, et al to estimate the increase in skin temperature.

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