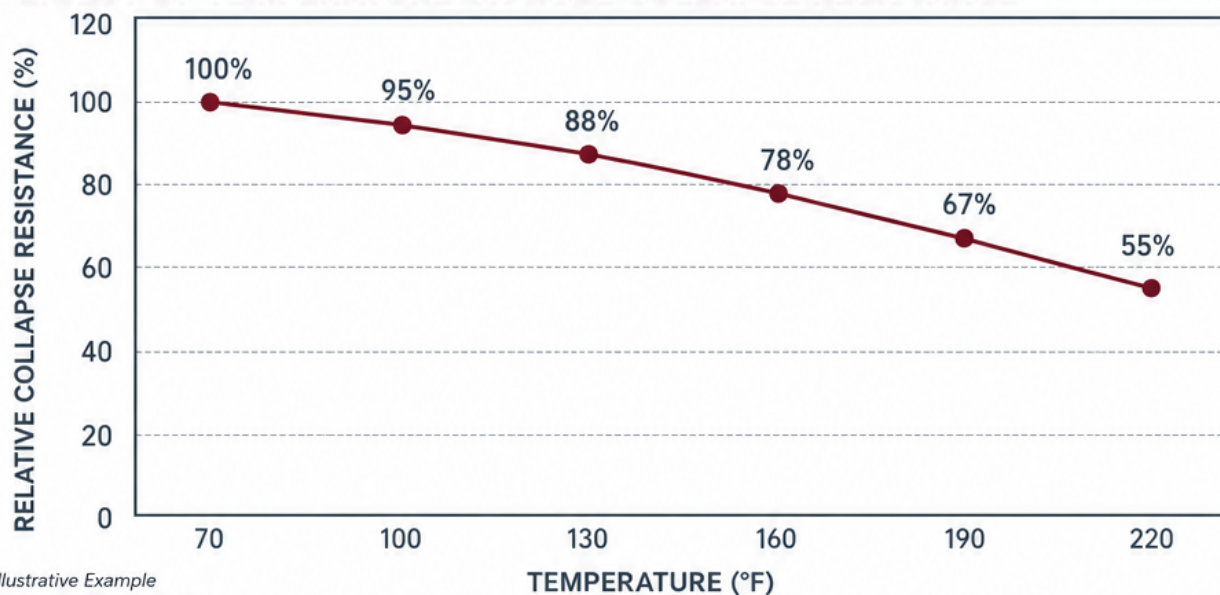




Temperature has a direct impact on hose performance. As temperature increases, the hose materials soften and lose stiffness. This reduction in stiffness lowers collapse resistance, making the hose more vulnerable under vacuum. In many applications, performance loss occurs well before any visible signs of damage are present.

### EFFECT OF TEMPERATURE ON HOSE COLLAPSE RESISTANCE



*Illustrative Example  
Educational Illustration Only*

#### **flexED TAKEAWAY**

A hose may be operating within its temperature range and still experience reduced performance as temperatures rise.

Always evaluate operating temperature, vacuum requirements, and installation conditions together when selecting a hose.