

ESFR minimum design pressures by storage height

NFPA 13

Minimum operating pressure at the most remote 12 sprinklers for ESFR protection of cartoned unexpanded plastics.

Reference table

K-factor (US) | Storage height (ft) | Ceiling height max (ft) | Min pressure (psi)

14	25	30	50
16.8	25	30	35
16.8	35	40	60
22.4	35	40	40
22.4	40	45	52
25.2	40	45	35
25.2	43	48	40

Notes

- Cartoned unexpanded plastics — Group A. Different commodity classes require recalculation.

Source: NFPA 13 (2022) Table 23.3.1.