



Tentative Interim Amendment

NFPA® 13

Standard for the Installation of Sprinkler Systems

2025 Edition

Reference: Annex E.3

TIA 25-2

(SC 24-8-14 / TIA Log #1782)

Note: Text of the TIA was issued and approved for incorporation into the document prior to printing.

1. Revise Table 23.3.1, and revise footnote “c” to read as follows:

Table 23.3.1 ESFR Sprinkler Ceiling-Only Options for Solid Pile; Palletized; and Single-, Double-, and Multiple-Row Rack Storage

Commodity ^a	Maximum Ceiling/Roof Height		Maximum Storage Height		ESFR Sprinklers – Pendent Orientation Minimum Operating Pressure psi (bar)				ESFR Sprinklers – Upright Orientation Minimum Operating Pressure psi (bar)	
					Nominal K-Factors				Nominal K-Factors	
	ft	m	ft	m	14 (200)	16.8 (240)	22.4 (320)	25.2 (360)	14 (200)	16.8 (240)
...	...	...	...	...	...	...	...	...	...	...
Exposed expanded Group A plastics	25	7.6	20	6.1	—	—	—	30 (2.0) ^{b,c} or 60 (4.1) ^d	—	—
	30	9.1	25	7.6	—	—	—	30 (2.0) ^c or 60 (4.1) ^d	—	—
	—	—	—	—	—	—	—	—	—	—
	35	10.7	30	9.1	—	—	—	60 (4.1) ^{b,c,d}	—	—
	40	12.2	25	7.6	—	—	—	60 (4.1) ^d	—	—
	40	12.2	35	10.7	—	—	—	60 (4.1) ^{c,d}	—	—
	45	13.7	40	12.2	—	—	—	—	—	—

^aSee 20.3.2 for information regarding protection of lower hazard commodities with higher hazard criteria.

^bThese options are based on the testing criteria of the higher hazard and have not been specifically tested.

^cThese options apply to in-rack storage when all requirements in Section 23.4 are applied including vertical barriers.

^dThis option applies to palletized and solid pile storage in a closed array.

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(Note: For further information on NFPA Codes and Standards, please see www.nfpa.org/docinfo)

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