

Table 9.11: Foam Sprinkler/ Deluge/ Pourer System Requirements

ITEMS	REQUIREMENTS
14. MEDIUM AND HIGH – EXPANSION FOAM SYSTEM	xiii. The maximum submergence time for high-expansion Foam Systems measured from the start of the foam discharge shall not be more than the duration mentioned as per Table 9.11.J.

Table 9.11.J.: Maximum Submergence Time for High Expansion Foam

HAZARD	LIGHT OR UNPROTECTED STEEL CONSTRUCTION-SPRINKLERRED	LIGHT OR UNPROTECTED STEEL CONSTRUCTION-NON-SPRINKLERRED	HEAVY OR PROTECTED FIRE RESISTIVE CONSTRUCTION-SPRINKLERRED	HEAVY OR PROTECTED FIRE RESISTIVE CONSTRUCTION-NON-SPRINKLERRED
1. FLAMMABLE LIQUIDS [FLASH POINTS BELOW 38°C (100°F)] HAVING A VAPOR PRESSURE NOT EXCEEDING 276 KPA (40 PSIA)	3 minutes	2 minutes	5 minutes	3 minutes
2. COMBUSTIBLE LIQUIDS [FLASH POINTS OF 38°C (100°F) AND ABOVE]	4 minutes	3 minutes	5 minutes	3 minutes
3. LOW-DENSITY COMBUSTIBLES (I.E. FOAM RUBBER, FOAM PLASTICS, ROLLED TISSUE, OR CREPE PAPER)	4 minutes	3 minutes	6 minutes	4 minutes
4. HIGH-DENSITY COMBUSTIBLES (I.E. ROLLED PAPER KRAFT OR COATED BANDED)	7 minutes	5 minutes	8 minutes	6 minutes
5. HIGH-DENSITY COMBUSTIBLES (I.E. ROLLED PAPER KRAFT OR COATED UNBANDED)	5 minutes	4 minutes	6 minutes	5 minutes
6. RUBBER TIRES	7 minutes	5 minutes	8 minutes	6 minutes
7. COMBUSTIBLES IN CARTONS, BAGS, OR FIBER DRUMS	7 minutes	5 minutes	8 minutes	6 minutes