

Table 9.7: Automatic Sprinkler System Requirements

ITEMS	REQUIREMENTS
54. DESIGN CRITERIA FOR ROLLED PAPER STORED UP TO 3.7 M	i. The automatic Sprinkler Design criteria for Rolled Paper with storage height of up to 3.7 m shall be as per Table 9.7.GG .

Table 9.7.GG: Rolled Paper stored up to height of 3.7 m

COMMODITY CLASS	STORAGE ARRANGEMENT	MAXIMUM STORAGE HEIGHT (Meters)	MAXIMUM CEILING HEIGHT (Meters)	REQUIRED DESIGN DENSITY Gpm (LPM)	AREA OF SPRINKLER OPERATION FT ² (m ²)	IN RACK SPRINKLER	PUMP CAPACITY WITH HOSE DEMAND	PUMP CAPACITY WITH YDRANTS
ROLLED PAPER HEAVY AND MEDIUM WEIGHT	ON END	< 3 m	8 m	0.20 (8.1)	1500 (140)	No need	350 gpm	750 gpm
ROLLED PAPER, TISSUE AND LIGHT WEIGHT	ON END	< 3 m	8 m	0.30 (12.2)	2500 (232)	No need	750 gpm	1250 gpm



Figure 9.25.: Paper Roll warehouse for illustration