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 ARRANGE- MENT	MAXI- MUM STORAGE HEIGHT (Meters)	MAXI- MUM CEILING HEIGHT (Meters)	REQUIRED DESIGN DENSITY Gpm (LPM)	AREA OF SPRINKLER OPERATION FT ² (m ²)	IN RACK SPRIN- KLER	PUMP CAPACITY WITH HOSE DEMAND	PUMP CA- PACITY 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 PA- PER, TISSUE AND LIGHT WEIGHT	ON END	< 3 m	8 m	0.30 (12.2)	2500 (232)	No need	750 gpm	1250 gpm

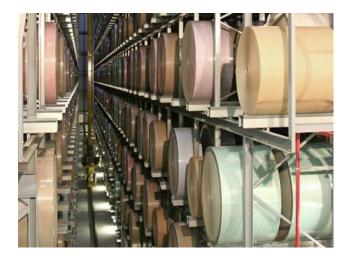




Figure 9.25.: Paper Roll warehouse for illustration

