



HG102 PVC

Hiraoka HG102 and HG102-SHS

ARCHITECTURAL PVC FOR MEDIUM TO LARGE
TENSION STRUCTURES & MEMBRANES.

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Hiraoka's HG series - including HG102 and HG102-SHS - is a PVC-coated polyester membrane that has earned its reputation as the standard-setter for medium to large-scale architectural structures around the world. Featuring a proprietary PVDF surface treatment, it provides superior resistance to dirt accumulation, grime, and UV degradation - keeping the membrane looking and performing at its best with minimal maintenance.



ANTI-WICKING
TREATED



HIGH RESISTANCE
TO SOILING



FIRE
RETARDANT

	HG102 STANDARD	HG102-SHS HEAT SHIELD
WIDTH	204 CM (ASTM D 751)	
UNIT MASS	770 GSM (ASTM D 751)	
THICKNESS	0.60 MM (ASTM D 751)	
TENSILE STRENGTH	3100 × 2800 (N / 50 MM) (ASTM D 751)	
ADHESION	100 N / 50 MM (ASTM D 751)	
TEAR STRENGTH	160 × 160 N (ASTM D 751) & 300 X 300 N (DIN 53363)	
TEMPERATURE RESISTANCE	-40°C / +70°C (ASTM D 751) (MSAJ/M-03-2003)	
MATERIAL	PVC COATED POLYESTER	
FLAME RETARDANCY	EN13501-1(B-s2,p0), GB8624(B1), NFPA701, AS1530.2&3	
LIGHT TRANSMISSION	12 %	2.7 %
WARRANTY	20 YEARS	
APPLICATIONS	MEDIUM TO LARGE-SCALE ARCHITECTURAL STRUCTURES AND EXTERIOR MEMBRANES.	