

Hollander (Dutch) Weaves

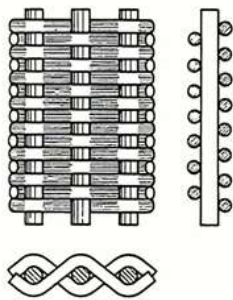
Term	Nominal Mesh Count per inch		Wire Diametre (mm)		Particle Retention (micron)	Porosity	Thickness (mm)	Weight for Stainless Steel (kg/sq m)
	warp	weft	(mm) warp	(mm) weft				
HP 300	12	70	0.600	0.400	300	62%	1.225	3.64
HP 120	24	110	0.355	0.250	120	60%	0.710	2.70
HP 60	50	250	0.140	0.112	60	59%	0.315	1.00
HT 35	80	700	0.100	0.070	36	40%	0.255	1.20
HT 25	165	800	0.068	0.050	25	47%	0.170	0.71
HT 15	165	1400	0.068	0.040	17	37%	0.147	0.72

HP = Hollander Plain Weave; HT = Hollander Twill Weave.

Reverse Hollander (Dutch) Weaves

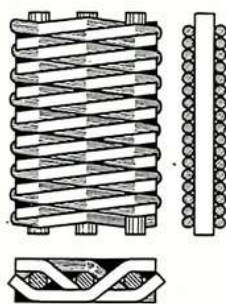
Term	Nominal Mesh Count per inch		Wire Diameter (mm)		Particle Retention (micron)	Porosity	Thickness (mm)	Weight for Stainless Steel (kg/sq m)
	warp	weft	(mm) warp	(mm) weft				
PZ 200	63	18	0.400	0.600	220	60%	1.350	4.21
PZ 150	107	20	0.240	0.600	210	58%	1.030	3.38
PZ 100	170	40	0.200	0.450	130	58%	0.840	2.74
PZ 80	132	32	0.200	0.400	105	55%	0.770	2.69
PZ 60	171	46	0.150	0.300	85	54%	0.570	2.05
PKZ 55	325	40	0.150	0.300	90	52%	0.730	2.71
PZ 40	290	75	0.090	0.200	55	53%	0.360	1.31
PZ 25	615	102	0.040	0.160	42	41%	0.240	0.92
PZ 17	615	130	0.040	0.130	22	49%	0.210	0.83
PZ 15	720	150	0.036	0.100	17	54%	0.180	0.65

PZ = Reverse Hollander Plain Weave; KPZ = Reverse Hollander Twill Weave.



HOLLANDER WEAVE

A Plain Weave with the warp wires of larger diameter than the weft. The weave is made up of a limited number of warp wires interwoven with the maximum number of weft wires which can be knocked up. This cloth is strong and firm and is most frequently used for high pressure filtration.



HOLLANDER TWILL WEAVE

Similar to Plain Hollander Weave, except that the weave pattern is twill, i.e. a double layer of weft wires. There are no apertures in the true sense of the word, and the filtrate follows a sinuous path through the depth of the wirecloth. Hollander Twill is a surface filtration medium, often used under high pressure.