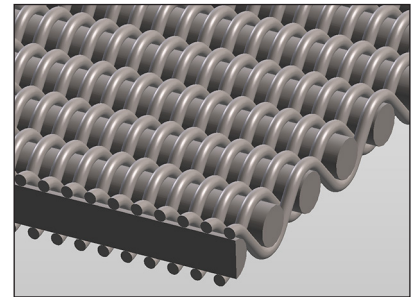


# Reverse Plain Dutch Weave

## Wire Diameters and Specifications

“Reverse” describes the fact that the warp wires of this weave are relatively thin and the shute wires are thick – in other words, the exact opposite of the standard dutch weaves. The reverse dutch design, sometimes referred to as “Microdur”, produces precisely defined pore openings that run under an angle to the surface of the mesh. The high number of warp wires increases the active filtration cross section.



Mesh Per Inch Warp x Shute	Wire Diameter D				Porosity %	Thickness		Weight		Porosity Retention Micron $\mu\text{m}$ (Nominal)
	inches		mm			inches	mm	Lbs/sq. ft.	Kg/m <sup>2</sup>	
	warp	shute	warp	shute						
66x18	0.012	0.016	0.300	0.400	66	0.042	1.07	0.45	2.22	200
84x25	0.013	0.016	0.320	0.400	49	0.043	1.09	0.63	3.09	150
130x30	0.008	0.018	0.200	0.450	53	0.032	0.82	0.58	2.82	100
130x35	0.008	0.016	0.200	0.400	56	0.030	0.75	0.55	2.70	80
175x40	0.006	0.014	0.150	0.350	58	0.022	0.55	0.46	2.24	104
175x45	0.006	0.013	0.150	0.320	56	0.024	0.62	0.44	2.16	100
175x50	0.006	0.012	0.150	0.300	53	0.022	0.56	0.44	2.14	60
290x60	0.004	0.009	0.090	0.230	50	0.016	0.40	0.28	1.36	50
290x74	0.004	0.008	0.090	0.200	52	0.014	0.36	0.26	1.27	40
625x104	0.002	0.006	0.042	0.150	55	0.009	0.24	0.18	0.87	30
625x106	0.002	0.006	0.042	0.140	56	0.009	0.23	0.17	0.85	25
625x132	0.002	0.005	0.042	0.130	48	0.008	0.20	0.17	0.84	17
625x134	0.002	0.005	0.041	0.130	48	0.001	0.02	0.17	0.85	14
720x150 L	0.001	0.004	0.035	0.100	45	0.006	0.16	0.12	0.60	14
720x150	0.001	0.004	0.035	0.112	48	0.007	0.17	0.13	0.65	15
912x154 L	0.001	0.004	0.028	0.090	57	0.006	0.16	0.10	0.49	13
1005x200 L	0.001	0.002	0.025	0.050	63	0.004	0.10	0.06	0.28	10

L = Lightweight Version