

**Diaphragm Specification Parameter Table
(dry single pull)**

File No.: YJ-190309

Diaphragm material	(Polypropylene) PP					
Process method	Dry unidirectional stretching					
Technical parameter project	Unit	Specifications Of Each Model				
Thickness	um	16um single layer	20um single layer	25um double layer	30um double layer	
Areal density	g/m ²	11.0±1.5	12.0±1.5	12.5±1.5	13.5±1.5	
Air permeability	Sec/ 100ml	250±100	300±100	350±100	350±100	
Length	m	+1-10m	+1-10m	+1-10m	+1-10m	
Porosity	%	43±3	43±3	43±3	43±3	
Puncture strength	g	≥230	≥250	≥300	≥350	
Tensile strength	MD (Longitudinal)	kgf/cm ²	≥1200	≥1200	≥1200	≥1200
	TD (Horizontal)	kgf/cm ²	≥130	≥150	≥150	≥150
Heat shrinkage	MD (Longitudinal)	%	≤3%	≤3%	≤3%	≤3%
	TD (Horizontal)	%	0%	0%	0%	0%
Performance advantages	The micropores are small in size, evenly distributed, and have good micropore conductivity, which can produce products with different thicknesses and different structures, with high longitudinal strength, low transverse strength, and no transverse shrinkage					