

**Diaphragm Specification Parameter Table  
(wet diaphragm)**

Diaphragm material	PE single-layer wet diaphragm							
Process method	PE wet biaxial stretching							
Technical parameter project	Unit	Specifications Of Each Model						
Thickness	um	7um	9um	12um	16um	20um	25um	
Areal density	g/m <sup>2</sup>	4.5±1.5	5.5±1.5	6.5±1.5	9.0±1.5	11.5±1.5	14.5±1.5	
Air permeability	Sec/ 100ml	150±50	150±50	150±50	200±70	220±70	220±70	
Length	m	+1-10m	+1-10 m	+1-10m	+1-10m	+1-10m	+1-10m	
Porosity	%	43±5	45±5	45±5	45±5	45±5	45±5	
Puncture strength	g	≥300	≥400	≥500	≥600	≥700	≥750	
Tensile strength	MD (Longitudinal)	kgf/cm <sup>2</sup>	≥1300	≥1500	≥1500	≥1500	≥1500	≥1500
	TD (Horizontal)	kgf/cm <sup>2</sup>	≥1300	≥1500	≥1500	≥1500	≥1500	≥1500
Heat shrinkage	MD (Longitudinal)	%	≤3%	≤3%	≤3%	≤3%	≤3%	≤3%
	TD (Horizontal)	%	≤1%	≤1%	≤1%	≤1%	≤1%	≤1%
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							