



EMPAQUES PLASTICOS DE MEXICO S.A. DE C.V.

PHYSICAL AND MECHANICAL FILM PROPERTIES.

PVC SHRINK FILM

Among the basic characteristic that define the PVC shrink film are:

MEAN PRODUCTION CONTROLLED PARAMETERS

PARAMETER	PRODUCTION RANGE	TOLERANCE
Weight (Kg.)	-	+/-1%.
Width (cm)	5 to 120 (Folded or Flat)	(Folded). +1 cm for 5 to 20 cm nominal widths +2 cm for 21 to 60 cm nominal widths +3 cm for more of 60 cm nominal widths
	20 to 120 (Tubular)	(Flat or Tubular). +0.5 cm for 5 to 20 cm nominal widths +1.0 cm for 21 to 60 cm nominal widths +1.5 cm for more of 60 cm nominal widths
Gauge (0.0001")	100 to 250 (for 12 to 20 cm widths)	+/-10% of nominal gauge.
	50 to 250 (for 21 to 120 cm widths)	
Shrink (%)	10 to 50% (D/M ó D/T)	+5% add to nominal.

As additional reference values intrinsic to material that are useful for properties evaluation are the next:
Values for PVC shrink film with standard formulation. (GAUGE 100, SHRINK:30%TD/30%MD)

PROPERTIES	TEST METHOD	VALUE T.D.	VALUE M.D.
Density. (g/cm ³)	-	1.30	
Tensile Strength (lbf/pulg ²)	ASTM-D-882-97	7876.20	8294.60
Elongation at Break. (%)	ASTM-D-882-97	145	120
Initial Tear Resistance. Force. (lbf) -Resist.(lbf/pulg)	ASTM-D-1004-94a	1.12 -790.87	1.08 - 768.67
Seal Resistance. Force. (lbf) -Resist.(lbf/pulg)	ASTM-F-88-99	11.17 - 11.27	-
Oxygen Transmission Rate. (cm ³ /100pulg ² /d)	ASTM-D-3985-90	45.08336	-
Water Vapor Transmission Rate. (g/100pulg ² /d)	ASTM-F-1249-90	3.612	-
Static Friction Coefficient.	ASTM-D-1984-81T	0.146	0.140
Dynamic Friction Coefficient.	ASTM-D-1984-81-T	0.155	0.148

www.empaquesplasticos.com.mx

PASTOR NO. 5. COL. TECAMACHALCO.
LOS REYES LA PAZ.
C.P. 56500 ESTADO DE MÉXICO

TELÉFONOS Y FAX: 2613-8418
2613-8596
2632-5679