

## Technical Datasheet - Duplex PVC/PVdC Barrier Film Clear 350.60 (H)

**Customer** AFC

**PRODUCT :**

PRODUCT : Pharmaceutical Grade Duplex PVC/PVdC Film  
 PRODUCT : Duplex Clear PVC/PVdC 350.60 (H) Barrier Film  
 CLIENT REFERENCE : TBA  
 AFC MASTER REFERENCE : TBA

**Description**

PVC/PVdC film with good thermoformability and improved water vapour and oxygen barrier for pharmaceutical blister packs.

**Homopolymer PVC Base Film**

Test	Unit	Nominal Value	Tolerance	Test Method
Total weight	[g/m <sup>2</sup> ]	536	509 - 563	Internal
Total thickness	[µm]	386	366 - 405	DIN 53370
Thickness PVC	[µm]	350	333 - 368	DIN 53370
Thickness PE	[µm]	N/A	N/A	DIN 53370
Coating weight PVdC	[g/m <sup>2</sup> ]	60	57 - 63	Internal
Yield	[m <sup>2</sup> /kg]	1.9	N/A	N/A
Bond strength	[N/60mm]	35	>35	Internal
Shrinkage MD	%	-6	max. -6	DIN 53377
Shrinkage TD		+2	max. +2	140 °C, 10 min

**Barrier Values:**

WVTR	(23°C, 85% r.h.)	[g/m <sup>2</sup> x d]	0.10	≤ 0.10	ASTM F 1249
WVTR	(40°C, 75% r.h.)	[g/m <sup>2</sup> x d]	0.50	≤ 0.50	ASTM F 1249
O2 Barrier	(23°C, 50% r.h.)	[cm <sup>3</sup> /m <sup>2</sup> x bar x d]	0.70	≤ 0.70	ASTM D 3985

**General:**

Standard Colour: 950 Transparent  
 Core Diameter: 76mm  
 Roll Diameter: As per customers specification  
 Roll Width: From 60mm to 1580mm  
 Max Roll OD: 500mm

**Shelf Life Of Material**

The material will be shelf stable for a period of 12 months provided that the material is stored in the following manner:

1. Dry and well ventilated area.
2. Temperature between 5°C and 25°C.
3. Relative humidity of between 30% and 60% RH.

Protection from direct sunlight is necessary.

**Packaging Supplier**

Perlen Converting AG  
[www.perlenackaging.com](http://www.perlenackaging.com)

**Quality Guidelines**

DMF registered, USP and Ph EU 3.1.11, cGMP, and ISO9002 compliant.  
 Fully certified for pharmaceutical blister applications.

All technical data herein is provided in good faith but without warranty. The end user is solely responsible for determining the products suitability for use. AFC limits its liability to free replacement or full credit of material found to be out of specification and under no circumstances for any subsequent losses or other claims.