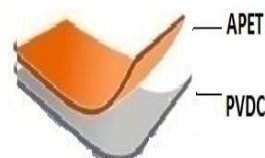


## TECHNICAL DATA SHEET – PROVISIONAL

**FPT0DU-25004000000000-0-0-00\*#**  
**(OLD code : FPDT 250 000 040 \*)**

**APET/PVdC 250/40\***  
**(OLD : APET/PVdC)**

PVdC coated high performance packaging film, offers high degree of barrier to moisture, gases and aromatic influence. Excellent clarity and thermoform ability hence most suitable to pack tablets, capsules in blister form. APET provides good stiffness and resilience. Film is engineered for packaging of Pharma as well as food products.



Sr. No	PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE
1	Color	Standard Shade Card	-	As per ACG Standard
2	Density of APET: a) Clear / Transparent b) Opaque	Internal	g/cm <sup>3</sup>	a) 1.33 b) 1.34
3	PVdC GSM	DIN53352	g/m <sup>2</sup>	40 ± 7.5%
4	Thickness of APET	DIN53370	µm	250 ± 5%
5	GSM of APET: a) Clear/Transparent b) Opaque	DIN53352	g/m <sup>2</sup>	a) 332.5 ± 5% b) 335.0 ± 5%
6	Total thickness	DIN53370	µm	274 ± 5%
7	Total GSM: a) Clear/Transparent b) Opaque	DIN53352	g/m <sup>2</sup>	a) 372.5 ± 5% b) 375.0 ± 5%
8	Yield: a) Clear/Transparent b) Opaque	Internal	m <sup>2</sup> /kg in <sup>2</sup> /lb	a) 2.68 ± 5% b) 2.67 ± 5% a) 1887 ± 5% b) 1877 ± 5%
9	Dimensional stability (Max.) a) Longitudinal direction b) Transverse direction	DIN53377	%	a) -6.00 – 0.00 b) 0.00 - +2.00
10	Thermoforming Temperature for**			
	b) Flat bed forming	Internal	°C	100 - 150
			°F	212 - 302
11	Sealing temperature with HSL side of lid foil to APET	Internal	°C	180
			°F	356



12	Tensile strength (Min.)	ASTM-D-882-97	kg/cm <sup>2</sup>	380
			psi	5405
13	Elongation at Break (Min.)	ASTM-D-882-97	%	3
14	MVTR (38°C, 90% RH)	ASTM F 1249	g/m <sup>2</sup> /day	TBD
			g/100 in <sup>2</sup> /day	TBD
16	OTR (23°C, 0% RH)	ASTM D 3985	cc/m <sup>2</sup> /day	TBD
			cc/100 in <sup>2</sup> /day	TBD

- \* The required colour is available as per customer requirement identified with colour code.
- \*\* The thermoforming range mentioned in the above TDS is indicative; ultimately the customer has to validate film performance on their machine.
- # “In case of printed material, second digit of product code will be replaced with “R” and artwork code will be suffix in product code”.

**Handling, Storage & Re-analysis :**

- In case if the material is received in damaged condition, kindly arrange to inform with pictures to ACG. During internal use, in order to protect the rolls from damage, it is recommended to use standard material handling equipment's.
- All the rolls received must be stored at temperature between 15°C & 30°C, in dry place, where humidity is between 50 & 70 % RH. All the rolls stored in warehouse should not be exposed to direct sunlight, direct / in direct heat and high humidity.
- This film is suitable for use within 12 months from date of manufacturing, kindly ensure that material is stored in recommended condition and protected from any damage. In case, because of any reason, if material is not consumed within shelf-life period of 12 months, ACG is happy to support on extension of shelf life by carrying out the Re analysis of rolls in stock. For such exercise, request customer to share with ACG, the Invoice number, date of invoice, roll number and the pictures of the inventory of rolls.

<b>Regulatory Information</b>	Complies with the relevant US Code of Federal Regulations CFR 21 and food grade.
	Production and quality controls according to cGMP.
	This product is free from TSE- BSE & complying to the guideline “Note for Guidance on Minimizing the Risk of Transmitting Animal Spongiform Encephalopathy Agents via Human and Veterinary Medicinal Products (EMA/410/01 Rev 3)”.

**LIABILITY EXCLUSION :**

The data mentioned herein is for informational purposes only and is true and accurate to the best of our scientific and technical knowledge. It is the customer's responsibility to determine the suitability of this product for the customer's intended use, and ACG PHARMAPACK PVT. LTD. does not assume any liability for the customer's use of this product, or the information contained herein.

Effective on: Mar.2023

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