F-UVC
UVC CHEMICAL COATED FILM FOR UV OFFSET SHEET PRINTING
F-UVC is a transparent polyester film. The film is one side UVC chemical coated other side corona treated or Untreated.

**DISCLAIMER**
FOOD CONTACT
FLEXPET™ complies with EU and FDA regulations on plastic materials used for food grade application. Specific document and SDS are available on request.

STORAGE & HANDLING
FLEXPET™ need to be stored in a warehouse below 35°C (95° F) and should not be exposed to direct sunlight, bright light sources or high humidity. If the material is stored in the recommended conditions, FLEXPET™ is suitable for use within 270 days from date of shipment.

PROPERTY | TEST METHOD | UNIT | TYPICAL VALUES
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THICKNESS | Internal | Micron | 10 | 12
 | (Gauge) | | 40 | 48
YIELD | Internal | m² / kg | 71.42 | 59.52
 | in² / lb | | 50318 | 41934
SURFACE TENSION (min) # (UVC Chemical coated Side) (Corona treated Side) | ASTM D-2578 | dyne/cm | 42 | 52
COP (max) (One side to the other side) | ASTM D-1994 | - | 0.55 | 0.50
HAZE (max) | ASTM D-1003 | % | 4.0 | 4.0
TENSILE STRENGTH AT BREAK (min) | ASTM D-882 | kg/cm² | 1900 | 1900
 | (Psi) | | 2700 | 2700
 | ASTM D-1204 | % | 80 | 85
ELONGATION AT BREAK (min) | ASTM D-882 | % | | |
 | ASTM D-1204 | % | | |
LINEAR SHRINKAGE (max) (30 Minute at 150°C) | ASTM F-1249 | g/m²/day | 50 | 45
 | (g/m²/100°C/day) | | 3.2 | 2.9
W.U.T.R. (48°C & 90% RH) (typical) | ASTM D-3985 | cc/m²/day | 155 | 130
 | (cc/100 in²/day) | | 10.1 | 8.5

*The inherent surface tension of the untreated side of any Pet film is minimum 42 dyne/cm

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**DISCLAIMER**
It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Flex provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Flex reserves the right to change the technical data sheet at any time without prior notice.

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