

TECHNICAL DATA SHEET
Product Description:

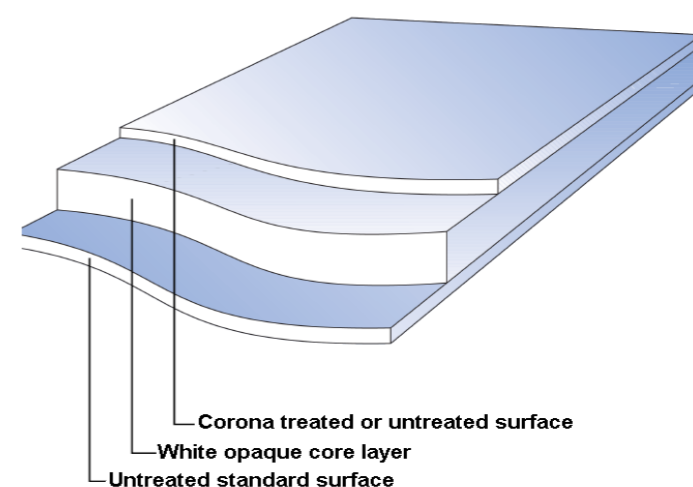
F-WTS is a white opaque polyester film
It is one side corona treated or both side untreated.

Application:

Surface printing jobs & metallization
Twist wrapping
Candy wrapping hot / cold wrapping applications

Key Features:

Excellent opacity & high brightness
Excellent machinability & handling properties
High mechanical properties
Excellent twist retention
Zero memory, Eco-friendly

Film Structure


| PROPERTIES | TEST METHOD (ASTM) | UNIT | TYPICAL VALUE | |
|---|--------------------|---------------------|---------------|-------|
| | | | 18 | 23 |
| THICKNESS | Internal | Micron | 18 | 23 |
| | | (Gauge) | 72 | 92 |
| FILM DENSITY | D-1505 | gm/cc | 1.45 | 1.45 |
| GRAMMAGE | Internal | gm/m ² | 26.1 | 33.4 |
| YIELD | Internal | m ² /kg | 38.31 | 29.98 |
| | | in ² /lb | 26990 | 21122 |
| TREATMENT LEVEL # (Min) (Corona treated side) | D-2578 | dyne/cm | 52 | 52 |
| COEFF OF KINETIC FRICTION (Max) (One side to other side) | D-1894 | - | 0.50 | 0.50 |
| OPACITY (Min.) | D-2457 | % | 55 | 60 |
| TENSILE STRENGTH AT BREAK | MD* | Kg/cm ² | 2000 | 2000 |
| | TD* | | 2300 | 2300 |
| TENSILE STRENGTH AT BREAK | MD* | (Psi) | 28500 | 28500 |
| | TD* | | 32700 | 32700 |
| ELONGATION AT BREAK | MD | % | 115 | 120 |
| | TD | | 80 | 85 |

Ref no.QAD UFLI S/14 - F51/1

*MD = MACHINE DIRECTION *TD = TRANSVERSE DIRECTION

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

STORAGE & HANDLING:

FLEXPET™ need to be stocked in a closed warehouse and should not be exposed to direct sunlight or light sources and from humidity. It is recommended to store below 35°C in dry place. FLEXPET™ is suitable for use within 9 month from date of manufacturing, only if material is stored in recommended condition. This grade "TWIST PET" handle with extra care and keep rolls either in palletised form or on foam sheet during storage to prevent any damage initiated by improper handling and becoming irrecoverable due dead fold characteristic of film.

FOOD CONTACT:

FLEXPET™ complies with EC and FDA regulations. Specific document and MSDS are available on request.

DISCLAIMER:

It is the responsibility of our customer to determine that their use of our product(s) is safe, lawful, and technically suitable in their intended applications. The Values given in the technical data sheet represent typical values based on the best of our knowledge as on date when the data was compiled. It 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 Gives no warranty or accept liability for any loss and fitness of the product for any specific purpose. Flex reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.

**TDS issued on 11-02-2015. All previous version of this grade are invalid.

Website: www.flexfilm.com