



**TECHNICAL DATA SHEET**

**Product Description:**

F-TST-AS is a transparent polyester film  
 It is one side antistatic coating other side untreated or corona treated  
 (F-TST-ASU) Other side untreated  
 (F-TST-ASC) Other side corona treated

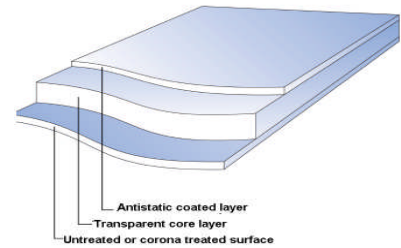
**Application:**

Twist wrapping both in hot & cold application  
 Candy wrap

**Key Features:**

Very good clarity & transparency  
 Excellent machinability & handling properties  
 High mechanical properties  
 Excellent twist retention  
 Very low static charge , Zero memory

**Film Structure**



PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUE				
			18	20	23	30	
THICKNESS	Internal	Micron	18	20	23	30	
		(Gauge)	72	80	92	120	
FILM DENSITY	D-1505	gm/cc	1.4	1.4	1.4	1.4	
GRAMMAGE	Internal	gm/m <sup>2</sup>	25.2	28.0	32.2	42.0	
YIELD	Internal	m <sup>2</sup> /kg	39.68	35.71	31.05	23.8	
		in <sup>2</sup> /lb	27956	25159	21876	16768	
TREATMENT LEVEL # (Min)	D-2578	dyne/cm	50	50	50	50	
(Coated Side)							
(Corona treated side)			52	52	52	52	
COEFF OF KINETIC FRICTION (Max)	D-1894	-	0.55	0.55	0.55	0.50	
(Coated to untreated)							
(Untreated to untreated side)			0.50	0.50	0.50	0.45	
HAZE (Max)	D-1003	%	4.5	4.5	5.0	5.5	
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm <sup>2</sup>	2100	2100	2100	2100
	TD*			2300	2300	2300	2300
TENSILE STRENGTH AT BREAK	MD*	D-882	(Psi)	30000	30000	30000	30000
	TD*			32700	32700	32700	32700
ELONGATION AT BREAK	MD	D-882	%	115	120	120	125
	TD			85	90	90	95

Ref no. QAD UFLD S/10 -F36/1

\*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 04-03-2016. All previous version of this grade are invalid.

Website: [www.flexfilm.com](http://www.flexfilm.com)