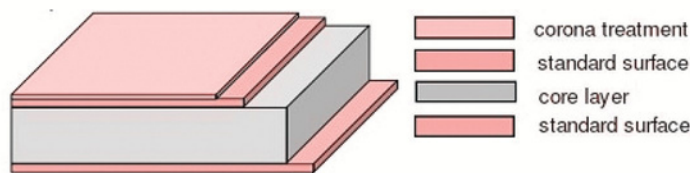


PX-SAR-TFC60,76,92G-TRANS

Sarafil TFC grade Transparent Polyester film is designed for use in packaging and industrial applications. It can also be used for various electrical as well as cable cable core wrapping applications. It has excellent slip and dimensional stability over a wide range of temperatures.



MICRON(GAUGE) 15, 19, 23 (60, 76, 92)

TYPE **TFCI** Polyester film, Corona treated Inside
TFCO Polyester film, Corona treated Outside

PROPERTIES	TEST METHOD	UNIT	15(60) MICRON (GAUGE)	19(76) MICRON (GAUGE)	23(92) MICRON (GAUGE)
TYPICAL VALUES					
NOMINAL THICKNESS	PHC Method	Micron	15	19	23
		Gauge	60	76	92
YIELD	PHC Method	m2/kg	47.6	37.6	31.1
		in2/lb	33500	26500	21900
MECHANICAL PROPERTIES					
TENSILE STRENGTH					
MD	ASTM D-882	kg/cm2	2100	2100	2100
		kpsi	30.0	30.0	30.0
TD	ASTM D-882	kg/cm2	2200	2200	2200
		kpsi	31.5	31.5	31.5

PX-SAR-TFC60,76,92G-TRANS

PROPERTIES	TEST METHOD	UNIT	15(60) MICRON (GAUGE)	19(76) MICRON (GAUGE)	23(92) MICRON (GAUGE)
ELONGATION AT BREAK					
MD	ASTM D-882	%	135	140	140
TD	ASTM D-882	%	130	135	135
THERMAL PROPERTIES					
HEAT SHRINKAGE (AT 150 DEG. C FOR 30 MIN)					
MD	ASTM D-1204	%	1.6	1.6	1.6
TD	ASTM D-1204	%	0.2	0.2	0.2
SURFACE PROPERTIES					
CO-EFFICIENT OF FRICTION, (Side A/ Side B)					
STATIC	ASTM D-1894		0.44	0.44	0.44
DYNAMIC	ASTM D-1894		0.40	0.34	0.34
SURFACE TENSION					
PLAIN SIDE	ASTM D-2578	Dyne/cm	42	42	42
CORONA SIDE	ASTM D-2578	Dyne/cm	56	56	56
OPTICAL PROPERTIES					
HAZE	ASTM D-1003	%	2.8	2.8	3.0
LIGHT TRANSMISSION	ASTM D-1003	%	88	88	88
ELECTRICAL PROPERTIES					
BREAKDOWN VOLTAGE	ASTM D-149 (0.25 electrodes in dry air)	Kv	4.5	5.0	6.0

Note: Above properties can be changed to meet the specific requirement of customers.