



DATA SHEET

Producer of 2ply & 3ply Tapes
and Heat Shrinkable Sleeves

021-88510381-6

NO.16, Toupchi St.,
Northern Sohrevardi Ave.,
Tehran, Iran

Outer Wrap (NST 750)



Technical specification

PHYSICAL PROPERTIES OF OUTER-LAYER TAPE

PROPERTY	UNIT	REQUIREMENT	TEST METHOD
			ASTM
THICKNESS	MM	0.760 ±10%	D 1000
TENSILE STRENGTH (MIN.)	KG/CM WIDTH	7	D 1000
ELONGATION AT BREAK (MIN)	%	100	D 1000
ADHESION TO INNER-LAYER TAPE (MIN.)	KG/CM WIDTH	0.5	D 1000 (METHOD A)
HEAT AGING IN 30 DAYS AT 60°C: REDUCTION OF ELONGATION & TENSILE STRENGTH (MAX.)	%	20	SEE 6.7 (IPS-M-TP -311)
TEMPERATURE RANGE: APPLICATION OPERATION	°C	- 20 TO+60 - 20 TO+60	

PERFORMANCE OF OUTER-LAYER TAPE IN CONJUNCTION WITH INNER-LAYER TAPE (TOTAL COATING SYSTEM)

PROPERTY	UNIT	REQUIREMENT	TEST METHOD
			ASTM
DIELECTRIC STRENGTH (MIN.)	V/mM (KV/MM)	40	D 1000
CATHODIC DISBONDMENT (MAX.)	MM DIAMETER	50	G 8 (METHOD A)
IMPACT RESISTANCE (MIN.)	N	2.8	G 14

According to STD: IPS-M-TP -311

