

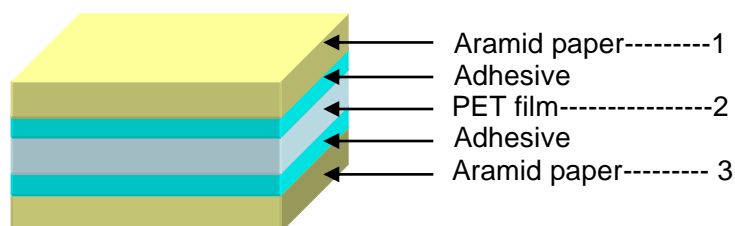
### Insulation Paper

# NTN

### 1. General description

Nitto Shinko's insulating paper is multi-layer laminated product consists from highly heat-resistant substrate. Nitto Shinko insulating paper has many proven results with various devices as insulating material superior in insulation capacity and heat resistance.

### 2. Construction



\*Example  
**NTN - 2 2 2 (S)**  
 |     |     |     |  
 Type of 1   Type of 2   Type of 3   Thickness of 1   Thickness of 2   Thickness of 3

### 3. General characteristics

Item		Unit	Insulating paper : constructed with aramid paper				
			NTN-222(S)	NTN-252(S)	NTN-272(S)	NTN-2102(S)	NTN-2142(S)
Construction	Aramid paper-1	mils ( $\mu$ m)	2(50)				
	PET -2		2(50)	5(125)	7(188)	10(250)	14(350)
	Aramid paper-3		2(50)				
	Adhesive	-	Urethan				
Nominal thickness		$\mu$ m	180	250	320	380	480
Tensile strength	MD	N/ 15mm	273	389	467	562	716
	TD		206	340	564	598	731
Edge burst strength resistance	MD	N/ 20mm	559	893	1225	1526	1895
	TD		435	797	1104	1244	1808
Dielectric break down voltage	Min.	kV	11.8	17.2	22.0	23.8	25.8
	Ave.		12.9	17.5	22.7	24.9	26.1
Comparative Tracking index		V	500(PLC rank1)		550(PLC rank1)		

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NTN 1/1

2502-60223-180625\_E

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