

**NZI PORCELAIN INSULATORS – MADE IN NEW ZEALAND**

LV Reels			LV Spike	LV Insulators & Cordeau Spindle		
NZI 220 (19mm Groove) 109061 80/carton	NZI 210 (10mm Groove) 109207 80/carton	NZI 205 (18mm Groove) 109010 42/carton	NZI 103 Spike (16mm Hole) 100501 50/carton	NZI 510 (26mm Groove) 102040 30/carton	NZI 511 (32mm Groove) 102067 30/carton	AX 5/8" Cordeau M16 Spindle 540358 30/box

11kV Tie Top Pin Insulators & Nema Spindles				11kV Clamp Top Pin Insulator & R23 Spindle	11kV 821
NZI 1130W (26mm Groove) 103160 12/box 288/pallet	NZI 1130W (32mm Groove) 104507 12/box 288/pallet	AX Nema Nylon 1" M20 Spindle 536164 12/box 288/pallet	AX Nema Lead 1" M20 Spindle 536326 12/box 288/pallet	NZI 1132T (10-38mm Clamp) 104175 6/box	AX R23 Steel M18 Spindle 540528 12/box

11kV Tie Top Line Posts	11kV Clamp Top Line Post	15kV Tie Top Pin Insulator & 1&3/8" Spindle		
NZI 11kV Line Post (32mm) 460818 3/box 144/pallet	NZI 12kV U/P Line Post (32mm) 464314 1/box 40/pallet	NZI 11kV Clamp Top Line Post 464589 3/box 72/pallet	NZI 1540W (32mm Groove) 104574 6/box 144/pallet	AX Lead 1&3/8" M20 Spindle 540455 12/box

	Weight	Creepage	Groove
1130W Pin Type	1.5kg	250mm	26/32mm
821 11kV Pin	930g	185mm	23mm
1540W Pin Type	2.0kg	300mm	32mm
11kV Post	7.0kg	285mm	32mm
12kV U/P Post	8.4kg	420mm	32mm
11kV Clamp Post	7.0kg	295mm	Clamp
22/450 Pin Type	3.6kg	450mm	32mm
22kV Post	9.0kg	490mm	32mm
22kV U/P Post	12.4kg	630mm	32mm
3370W Pin Type	5.2kg	500mm	32mm
33/920 Pin Type	16.2kg	920mm	32mm
4490 Pin Type	9.5kg	665mm	38mm
3372 Pin Clamp	8.2kg	510mm	Clamp
4492 Pin Clamp	14.1kg	635mm	Clamp
33kV Post	15.4kg	915mm	32/40mm
36kV U/P Post	17.4kg	955mm	32mm
44/780 Post	15.0kg	780mm	38mm
33kV Clamp Post	15.5kg	1020mm	Clamp
36kV Hor Clamp	23.0kg	995mm	Clamp

22kV Tie Top Pin Insulator & Pattern C Spindles			22kV Tie Top Line Posts	
NZI 22/450 (32mm Groove) 106941 6/box 120/pallet	AX Lead Patt C M20 Spindle 538213 6/box 240/pallet	AX Lead Patt C M24 Spindle 538205 6/box 240/pallet	NZI 22kV Line Post (32mm) 464619 1/box 40/pallet	NZI 22kV U/P Line Post (32mm) 464368 1/box 40/pallet

33kV Tie Top Pin Insulators			33kV Clamp Top Pin Insulators		Spindles for 33kV Pin Insulators	
NZI 3370W (32mm Groove) 112526 3/box 96/pallet	NZI 33/920 (32mm Groove) 115029 1/box 32/pallet	NZI 4490 (38mm Groove) 111376 3/box 45/pallet	NZI 3372 (10-38mm Clamp) 112550 2/box 32/pallet	NZI 4492 (10-38mm Clamp) 111414 1/box 32/pallet	AX R31 Steel M22 Spindle 540463 6/box	AX R29 Steel M22 Spindle 540706 6/box

33kV Tie Top Line Posts					33kV Clamp Top Line Posts
NZI 33kV Line Post (32mm) 464570 1/box 40/pallet	NZI 33kV Line Post (40mm) 464562 1/box 40/pallet	NZI 36kV Line Post (32mm) 464376 1/box 32/pallet	NZI 44/780 Line Post (38mm) 461717 1/box 40/pallet	NZI 33kV Line Post (Clamp) 464597 1/box 32/pallet	NZI 36kV Horizontal Line Post (Clamp) 465208 1/box 32/pallet

11-72.5kV Station Posts				
NZI 1131 11kV Station Post 104744 6/box	NZI 4494 36kV Station Post 460001 1/box 32/pallet	NZI 4494 Inv 36kV Station Post 460028 1/box 32/pallet	NZI 4497 44kV Station Post 113514 1/box 27/pallet	NZI 72.5kV Station Post 460990 1/box

	Weight	Length*	Strength
5/8" Cordeau Steel	485g	118/127mm	3.3kN
R23 Steel	1.1kg	170/130mm	10kN
1" Nema Nylon	1.0kg	152/146mm	6.0kN
1" Nema Lead	1.1kg	152/146mm	6.0kN
1&3/8" Lead	1.6kg	171/134mm	10kN
M20 Pattern C Lead	2.2kg	200/165mm	10kN
M24 Pattern C Lead	2.4kg	200/165mm	11kN
R31 Steel	2.9kg	305/178mm	10kN
R29 Shorter Steel	1.9kg	230/152mm	10kN

\* above/below flange

12kV & 22kV Standoffs			15kV & 20kV Guy Strains	
NZI 12kV T-Insert Standoff 599263 6/box	NZI 12kV External Cap Standoff 598291 4/box	NZI 22kV External Cap Standoff 598305 3/box	NZI 15kV GY2 Guy Strain 108197 18/box	NZI 20kV GY3 Guy Strain 108162 4/box

All AX Spindles are supplied in wooden boxes, just like our NZI insulators. Please order in full-box multiples.