

NST TRAYSCREEN SERIES

Standard Performance Fixed
Neutral Screen Cable 0.6/1kV 90°C



APPLICATIONS:

- Trayscreen** Commercial cable tray installations.
- Consumer Mains** Domestic and commercial - only suitable for burial with added protection or in conduit.
- Internal Wiring** Fixed applications between distributions boards.
- Motor Cabling** Fixed applications between motor control and electric motors.
- Lighting Circuits** Fixed applications for lighting circuits where mechanical protection is required.

PRODUCT FEATURES:

- 1.8mm SPVC Sheath, Smaller OD compared to standard NS Cables
- SPVC sheath for ease of installation
- Metre marked for better length control
- UV Stabilised
- Flame retardant
- Heat, oil and chemical resistant (See Technical Section)

CONSTRUCTION:

- Conductor** Annealed plain copper stranded (Class 2).
- Insulation** V-90.
- Sheath** SPVC.

CHARACTERISTICS:

- Operating Temperature Range** -15 to 90°C
- Maximum Conductor Temperature** 90°C (Current ratings are based on 30°C air temp. See technical section for de-rating factors).
- Rated Voltage** Uo/U 0.6/1kV.
- Minimum Bending Radius** Fixed 12 x cable diameter.
- Sheath Colour** Black.
- Standard Core Colours**
 - 2 Cores: Red, White.
 - 3 Cores: Red, White, Blue.
 - 4 Cores: Red, White, Blue, Black.
- Relevant Standards** AS/NZS 1125, AS/NZS 3808, AS/NZS 4961, AS/NZS 5000, **RoHS** Compliant.

Code	No. of Cores x Size (mm ²)	Approx. Stranding no. of Wires x mm	Approx. Overall Diameter (H x W) (mm)	Nominal Outer Sheath Thickness (mm)	Approx. Weight (Kg/Km)	Nominal Amps @ 30°C Fixed Installation			Single Phase Volt Drop 75°C (mV/A/m)
						Wiring enclosure in air (touching)	Enclosed wiring enclosure in air	Under ground wiring	
NST2/2.5	2 x 2.5	7/0.67	8.5 x 12.3	1.8	200	30	26	33	18.02
NST2/4.0	2 x 4.0	7/0.85	9.5 x 14.4	1.8	270	39	34	43	11.22
NST2/6.0	2 x 6.0	7/1.04	10.1 x 15.6	1.8	330	50	44	55	7.50
NST2/2.5ROUND	2 x 2.5	7/0.67	12.2	1.8	240	30	26	33	18.02
NST2/4.0ROUND	2 x 4.0	7/0.85	14.0	1.8	300	39	34	43	11.22
NST2/6.0ROUND	2 x 6.0	7/1.04	15.2	1.8	360	50	44	55	7.50

Code	No. of Cores x Size (mm ²)	Approx. Stranding no. of Wires x mm	Approx. Overall Diameter (mm)	Nominal Outer Sheath Thickness (mm)	Approx. Weight (Kg/Km)	Nominal Amps @ 30°C Fixed Installation			Three Phase Volt Drop 75°C (mV/A/m)
						Wiring enclosure in air (touching)	Enclosed wiring enclosure in air	Under ground wiring	
NST3/2.5	3 x 2.5	7/0.67	13.2	1.8	300	25	23	28	15.6
NST3/4.0	3 x 4.0	7/0.85	15.5	1.8	410	33	29	36	9.71
NST3/6.0	3 x 6.0	7/1.04	16.8	1.8	510	42	38	46	6.49
NST4/2.5	4 x 2.5	7/0.67	14.2	1.8	350	25	23	28	15.6
NST4/4.0	4 x 4.0	7/0.85	16.8	1.8	490	33	29	36	9.71
NST4/6.0	4 x 6.0	7/1.04	18.2	1.8	610	42	38	46	6.49

Profile has been every product on to ensure accurate information in this catalogue, but accept no liability for any errors or omissions. Profile reserves the right to modify specifications of any item.