



ตราช่าง

NPI TRACHANG PVC PIPE

Electric and Telecom Conduit (White)

BS Standard (British Standard)

High-quality Products by SCG Chemicals and Affiliates



SCG PIPE LIBRARY



For Android System



For iOS System

NPI PIPE WEB



About the Products

Nawaplastic Industries Co., Ltd., an affiliate of SCG Chemicals, the "PVC" pipe manufacturer since 1970 is a highly experienced and full commitment-oriented company with the mission to meet service demands and provide the utmost satisfaction for our customers, the continuous quality improvement of the products is our main emphasis. In order to be the leader in piping systems plumbing-drainage, hot water plumbing, electrical and telephone conduit, agriculture and public utility, product development is also on our focus to create a wide-range variety of products – pipes, fittings, and accessories for full and comprehensive services to be suitable for all kinds of uses with a support of our expert teams for all kinds of piping consultancy.

NPI TRACHANG PVC Pipe

uPVC (Unplasticized Polyvinyl Chloride) or rigid PVC is widely used in construction because of its outstanding properties such as humidity resistance, anti-rust and flame-retardant, as well as low maintenance, etc. The conduits (white) are IEC 61386 certified and provide good electrical insulation and voltage resistance at 1,000 VAC⁽¹⁾ or 1,500 VDC⁽²⁾, ensuring installation safety. The conduits are also environmental resistance and fire-retardant, ensuring safety.

How "NPI TRACHANG PVC Pipe" Superior in Every Way First-rate Quality

- * Systematic quality control by our expert teams with every fine bit of details.
- * World-class high-tech machine-made products resulting in high quality and environment friendly.

Best Services

- * Pre-sales and after-sales service by our expert teams
- * Fast and nationwide delivery

Outstanding Availability

- * Capable of meeting the domestic and international demands
- * A wide and dynamic variety of pipes, fittings, and accessories, meeting customer demands.
- * With the complement to all our products by our business alliance supports, including Henkel (a world-class chemical and adhesive company) and SEKISUI CHEMICAL, etc.

Product Properties (NPI TRACHANG PVC Pipe) For Electric and Telecom Conduit (White) BS



Leakage-proof

With PVC having an electrical insulating property, no electricity is conducted during leakage.



Up-to 90° Cold Bending

Highly flexible with impact modifier capable of cold bending and high impact resistance



Flame-retardant

Manufactured according to IEC 61386 with the special feature of flame-retardant for increasing safety.



White Texture

Suitable for house and building interior and capable of exposed piping without a paint job necessary.



Full-range Fittings and Accessories

A full and wide variety of fittings and accessories to choose from based on the nature of usage to reduce costs considerably.



Sunlight Resistance

Contained Titanium Dioxide in a suitable amount to shield the pipes from UV rays nicely with no brittle or breakage to be hassled with.



Readily Available and Lightweight

Available at the dealers nationwide and easily transportable because of the lightweight.



IEC/BS Certified

Manufactured according to IEC 61386 which is the internationally recognized standard.

Product Properties (NPI TRACHANG Corrugated PVC Pipe)

The conduits are manufactured from uPVC with the features flame-retardant, strong and durable, crush-resistant, highly flexible, non-bending, easy and quick piping suitable for exposed piping or wiring on the ceiling.



High Flexibility

Excellent at limited space because of their high flexibility.



Easy Installation

Full and complete accessories for suitable uses.



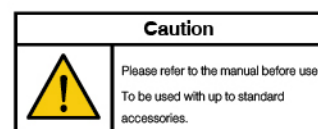
Corrosion Resistance

Excellent chemical resistance and all-weather uses



IEC/BS Certified

Manufactured according to IEC 61386 which is the internationally recognized standard.



NPI TRACHANG PVC Pipe for Electric and Telecom Conduit (White) BS

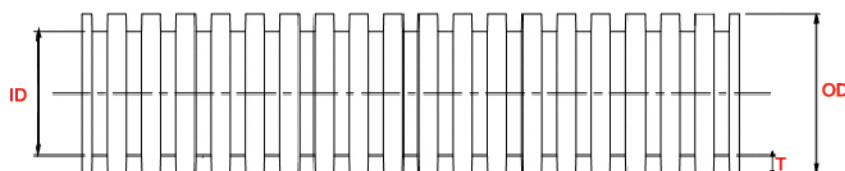
Manufactured according to IEC-61386-1 : 2008 and IEC-61386-21 : 2021, length: 2.92 meters



Unit mm. (Inch)	Outer Diameter (OD) (mm.)	Thickness (mm.)
16 (3/8")	16 + 0.0/-0.3	1.50 + 0.10/-0.05
20 (1/2")	20 + 0.0/-0.3	1.70 + 0.10/-0.05
25 (3/4")	25 + 0.0/-0.4	1.80 + 0.10/-0.05
32 (1")	32 + 0.0/-0.4	1.95 + 0.15/-0.05
40 (1 1/4")	40 + 0.0/-0.4	2.40 + 0.15/-0.05
50 (1 1/2")	50 + 0.0/-0.5	2.60 + 0.15/-0.05

NPI TRACHANG Corrugated PVC Pipe for Electric and Telecom Conduit (White) BS

Manufactured according to IEC-61386-1: 2008, IEC-61386-22: 2002



Unit mm. (Inch)	Outer Diameter (OD) (mm.)	Inner Diameter (ID) (mm.)	Thickness (T) (mm.)	Length (m/roll)
16 (3/8")	16 ± 0.30	11.0 ± 0.30	0.5+0.2/-0.0	5, 10, 100
20 (1/2")	20 ± 0.30	14.5 ± 0.30	0.5+0.2/-0.0	5, 10, 100
25 (3/4")	25 ± 0.30	19.0 ± 0.40	0.5+0.2/-0.0	5, 10, 100
32 (1")	32 ± 0.40	24.5 ± 0.40	0.5+0.2/-0.0	5, 10, 50
40 (1 1/4")	40 ± 0.40	32.0 ± 0.40	0.5+0.2/-0.0	50
50 (1 1/2")	50 ± 0.50	40.0 ± 0.50	0.5+0.2/-0.0	25

INJECTION FITTINGS



SOCKET-BS
16-50 mm. (3/8"-1 1/2")



ELBOW 90°-BS
16-50 mm. (3/8"-1 1/2")



TEE-BS
16-50 mm. (3/8"-1 1/2")



INSPECTION ELBOW 90°-BS
20-50 mm. (1/2"-1 1/2")



INSPECTION TEE-BS
20-32 mm. (1/2"-1")



REDUCING-BS
20x16-50x40 mm.
(1/2"x3/8" - 1 1/2"x1 1/4")



PIPE CLIP-BS
16-40 mm.
(3/8"-1 1/4")



CONNECTOR-BS
16-50 mm.
(3/8"-1 1/2")



ADAPTABLE CONNECTOR
FOR JIS BOX-BS
16-25 mm. (3/8"-3/4")



FLEXIBLE CONNECTIONS-BS
16-32 mm. (3/8"-1")



1 WAY TERMINAL BOX-BS
16-25 mm. (3/8"-3/4")



2 WAY THROUGH BOX-BS
16-25 mm. (3/8"-3/4")



2 WAY ANGEL BOX-BS
16-25 mm. (3/8"-3/4")



3 WAY TEE BOX-BS
16-25 mm. (3/8"-3/4")



4 WAY CROSS BOX-BS
16-25 mm. (3/8"-3/4")



1 WAY DEEP TERMINAL
BOX-BS
16-25 mm. (3/8"-3/4")



2 WAY DEEP THROUGH
BOX-BS
16-25 mm. (3/8"-3/4")



2 WAY DEEP ANGEL
BOX-BS
16-25 mm. (3/8"-3/4")



3 WAY DEEP TEE BOX-BS
16-25 mm. (3/8"-3/4")



4 WAY DEEP CROSS
BOX-BS
16-25 mm. (3/8"-3/4")



SQUARE JUNCTION
BOX 4X4 (86X86X40)-BS
20-25 mm. (1/2"-3/4")



SQUARE JUNCTION BOX
4X4 (86X86X46) THICKEN
-BS 20-25 mm. (1/2"-3/4")



DEEP SQUARE JUNCTION
BOX 4X4 (86X86X54)-BS
20-25 mm. (1/2"-3/4")



SQUARE JUNCTION BOX
4X4 (77X77X38) CONCEAL
-BS 20-25 mm. (1/2"-3/4")



DEEP SQUARE JUNCTION
BOX 4X4 (77X77X48)
CONCEAL-BS 20-25 mm.
(1/2"-3/4")



HANDY JUNCTION BOX
4X2 (164X77X38)-BS
16x2, 20, 25 mm.
(3/8"x2, 1/2", 3/4")



HANDY JUNCTION BOX
4X2 (141X77X50)-BS
20 mm. (1/2")



HANDY JUNCTION BOX
4X2 (164X77X50)-BS
20x2, 25x2 mm.
(1/2"x2", 3/4"x2")



COVER SQUARE
JUNCTION BOX-BS
75x75, 86x86 mm.
(3"x3", 3 1/2"x3 1/2")



COVER HANDY JUNCTION
BOX-BS
100x75, 147x86, 164x77 mm.
(4"x3", 5 3/4"x3 1/2", 6 1/2"x3")



COVER JUNCTION
BOX-BS
16-20-25 mm.
(3/8"-1/2"-3/4")



BENDING SPRING-BS
16-32 mm. (3/8"-1")



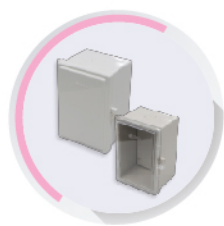
ENTRY PLUG FOR
JUNCTION BOX-BS
16-25 mm. (3/8"-3/4")



MK CONCEAL BOX 3"x3"
16-20-25 mm.
(3/8"-1/2"-3/4")



WATERPROOF-BOX*
2"x4"-8"x12"



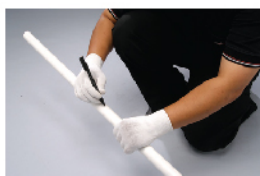
ENCLOSURE
WATERPROOF-BOX*
4"x6"-7"x9"

*Use with Adaptable Connector for JIS Box-BS

How to Bend Electric and Telecom Conduit (White) BS



1. Use a metal saw or pipe cutter to cut the pipe to get the right angle and desired length.



2. Mark a point onto the pipe to be bent.



3. Insert the spring attached with a rope on one side into the pipe by allowing the mark to be in the middle of the spring.



4. Use a knee to bend the pipe for 10 seconds to allow the pipe to be fully bent in the shape, bend the pipe at a little more angle to prevent the pipe to return back to the original shape.



5. Remove the inserted spring and connect other fittings to the pipes.



6. Use the bent pipe as desired.

Electric and Telecom Conduit (White) BS

