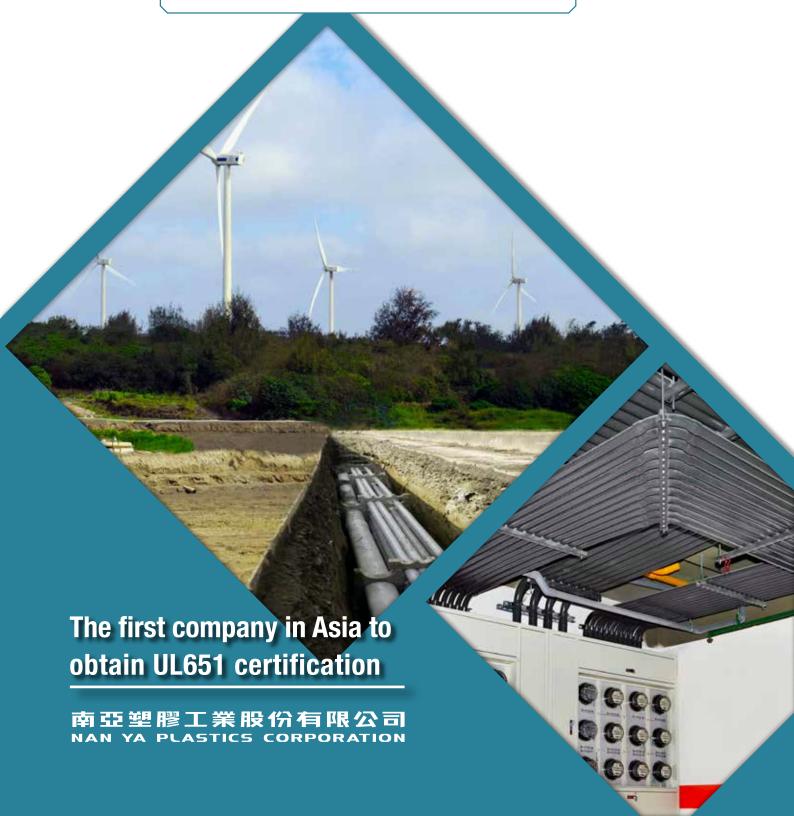


# Nan Ya UL651 Rigid PVC Conduit

Provide the **highest quality protection** for your **wires and cables** 



For Usage in Below and Above Ground Systems



# **Product Features**

### 1 Excellent corrosion resistance

Rigid PVC conduit is not affected by galvanic corrosion or corrosive soil or water quality, and can resist most acid, alkaline and salt solutions.

### 2 Easy-to-pull

The Rigid PVC conduit has a smooth and flat surface inside, which can reduce friction and easily pull out the wire without cutting or tearing the insulation layer of the wire and cable.

### 3 labor saving

Rigid PVC conduit is easy to install, cut and connect. No special tools are required and can be easily cut with a hacksaw or PVC pipe cutter.

### 4 Simplified burial construction

The excavation and backfilling of PVC conduits follows normal construction procedures and requires no additional protection.

#### **5 Excellent insulation**

The rigid PVC conduit is non-conductive and does not produce sparks, and the construction and installation process is safe.

### **Applications**

This product is certified to UL651 and is suitable for underground and aboveground conductor piping systems in residential, industrial, and commercial buildings.

### **Applications include:**

- Power companies, various power plants
- Cables, Data and Communication Lines
- Public institutions, industrial and commercial buildings
- Residential building, road wiring and piping
- Highway underground wire and cable piping
- Transportation Systems Subway (MRT), Transportation Systems Subway (MRT)
- Water and Wastewater Treatment Plants
- Yacht marina
- Mines and Spinning Mills



## Specificaions

## **SCH40**

### (Belled End) Rated for 90°C cable Sunlight resistant, Meets specifications UL651



Unit: mm

Size	Outside Diameter and Tolerance	Thickness and Tolerance	Approx. Kg/M	Length
1/2"	21.34±0.10	2.77+0.51	0.248	10 ft / 20 ft
3/4"	26.67±0.10	2.87+0.51	0.329	10ft/20ft
1"	33.40±0.13	3.38+0.51	0.483	10 ft / 20 ft
1¼"	42.16±0.13	3.56+0.51	0.653	10ft/20ft
11/2"	48.26±0.15	3.68+0.51	0.779	10 ft / 20 ft
2"	60.32±0.15	3.91+0.51	1.045	10ft/20ft
21/2"	73.02±0.18	5.16+0.61	1.650	10 ft / 20 ft
3"	88.90±0.20	5.49+0.66	2.160	10ft/20ft
4"	114.30±0.23	6.02+0.71	3.074	10 ft / 20 ft
5"	141.30±0.25	6.55+0.79	4.169	10ft/20ft
6"	168.28±0.28	7.11+0.86	5.414	10 ft / 20 ft

# SCH80

(Belled End) Rated for 90°C cable (Can withstand high-strength external impact) Sunlight resistant, Meets specifications UL651



Unit: mm

Size	Outside Diameter and Tolerance	Thickness and Tolerance	Approx. Kg/M	Length
1/2"	21.34±0.10	3.73+0.51	0.309	10 ft / 20 ft
3/4"	26.67±0.10	3.91+0.51	0.419	10ft/20ft
1"	33.40±0.13	4.55+0.53	0.615	10 ft / 20 ft
11/4"	42.16±0.13	4.85+0.58	0.850	10ft/20ft
11/2"	48.26±0.15	5.08+0.61	1.032	10 ft / 20 ft
2"	60.32±0.15	5.54+0.66	1.428	10ft/20ft
21/2"	73.02±0.18	7.01+0.84	2.177	10 ft / 20 ft
3"	88.90±0.20	7.62+0.91	2.916	10ft/20ft
4"	114.30±0.23	8.56+1.02	4.264	10 ft / 20 ft
5"	141.30±0.25	9.52+1.14	5.915	10ft/20ft
6"	168.28±0.28	10.97+1.32	8.139	10 ft / 20 ft

## Nan Ya UL651 Rigid PVC Conduit Certified by UL

UL651 Approved

#### CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2234817-0 Report Reference E521364-20220328

Date 25-Aug-2022

Issued to: NAN YA PLASTICS CORP PLASTICS 3RD DIV

3RD FL

201 TUNG HWA NORTH RD TAIPEI

Taiwan

This is to certify that DZYR - Rigid Nonmetallic PVC Conduit

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 651, 8th Ed., Issue Date: 2011-10-25, Revision Date:

2020-03-24

Additional Information: See the UL Online Certifications Directory at

https://iq.ulprospector.com for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

Rigid PVC Conduit Schedule 40 and 80 may be marked "maximum 90°C wire" or "max 90°C wire"



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#### 南亞塑膠工業股份有限公司 NAN YA PLASTICS CORPORATION

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Test data, sizes, and pictures in the catalog are for reference only, and actual product information is based on the formal reports.

(2023.12)



NAN YA CYBER SHOPPING MALL



NAN YA PLASTICS



NAN YA PLASTICS PIPE