

A/0

PRODUCT NAME	Environmentally Friendly PPV Corrugated Pipe	CUSTOMER CODE	
SIZE		CUSTOMER NO.	

PREPARE/DATE	AUTHORIZE/DATE
Zihao Hu/2020-09-09	Bibo Shao/2020-09-09

CUSTOMER

PROOFREAD/DATE	AUTHORIZE/DATE

Environmentally Friendly PPV Corrugated Pipe

1. Product Introduction

Environmentally Friendly PPV Corrugated Pipe are manufactured from environmentally modified polypropylene, The product is environmental friendly, reliable flame-retardant, high mechanical strength, good bending performance, antidistortion, wear-resisting, acid-resistant, alkali-resistant, inorganic salt, lubricating oil and so on. It is an ideal product for insulation protection of power line and water supply.

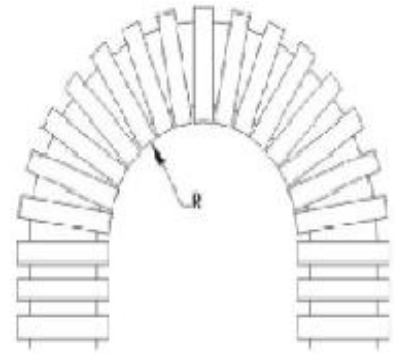
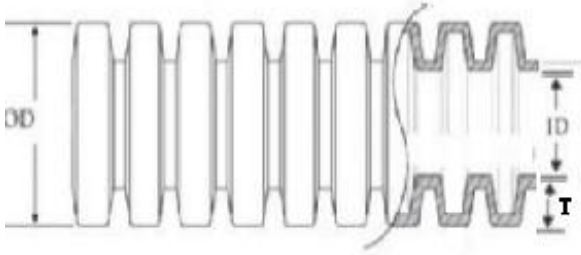
2. Features

Item	Test Method	Standard
Tensile Strength (MPa)	ASTM D2671	21
Breakdown Elongation (%)	ASTM D2671	200
After aging (125°C*3000h)	QC/T29106Appendix D	No Cracking
Thermal Property (150°C*240h)	QC/T29106Appendix D	No Cracking
Low Temperature Resistance (-40°C)	QC/T29106Appendix D	No Cracking
Flexibility	QC/T29106Appendix D	Pass
Flammability (Vertical)	UL94-2013	UL94-V0
Flammability (Horizontal)	GB/8410-2006	A-0

3. Environmental State

Materials	Analysis Method	Content (ppm)
Cd	IEC62321/2ND CDV(111/95/CDV), ICP-OES	≤100
Pb	IEC62321/2ND CDV(111/95/CDV), ICP-OES	≤1000
Hg	IEC62321/2ND CDV(111/95/CDV), ICP-OES	≤1000
Cr	IEC62321/2ND CDV (111/95/CDV) UV-Vis	≤1000
PBB	IEC62321	≤1000
PBDEs	IEC62321	≤1000

4. Product Specification and Drawing



Note:

ID (mm) : Inner Diameter

OD (mm) : Outside Diameter

T (mm) : Wall Thickness

R (mm) : Min Bending Radius

Size	I.D. (mm)	O.D. (mm)	W.T. T(mm)	Min Bending Radius (mm)	Packaging Standards (m/Roll)
5.2/7.35	5.20±0.3	7.20±0.3	1.0±0.20	5	400/200
6/9	6.00±0.3	9.00±0.3	1.5±0.20	10	200
7/10	7.00±0.3	10.0±0.3	1.5±0.20	10	200
8.5/11.5	8.50±0.3	11.5±0.3	1.5±0.20	15	200
10/13	10.00±0.3	13.00±0.3	1.5±0.20	20	200
11/14	11.00±0.3	14.00±0.3	1.5±0.20	25	200
12/15.8	12.00±0.3	15.80±0.3	1.9±0.20	30	200
13/17	13.00±0.3	17.00±0.3	2.0±0.20	35	200
14.3/18.5	14.50±0.3	18.5±0.3	2.0±0.30	40	200
16/20	16.00±0.5	20.00±0.5	2.0±0.30	45	200
17/21.2	17.00±0.5	21.2±0.5	2.1±0.30	45	200
18/22	18.00±0.5	22.00±0.5	2.0±0.30	50	200
19/23.5	19.00±0.5	23.50±0.5	2.5±0.30	50	200
20/25	20.00±0.5	25.00±0.5	2.5±0.30	50	100
22/26	22.00±0.5	26.00±0.5	2.5±0.30	50	100
23/28.5	23.00±0.5	28.5±0.5	2.75±0.30	55	100
25/32	25.00±0.5	32.00±0.5	3.5±0.30	55	50
26/31	26.00±0.5	31.00±0.5	2.5±0.30	55	50
29/34.5	29.00±0.5	34.5±0.5	2.75±0.30	60	50
32/36.5	32.00±0.5	36.50±0.5	3.15±0.30	70	50
36/42.5	36.00±0.5	42.50±0.5	3.15±0.30	75	50
48/54.5	48.00±0.5	54.50±0.5	3.25±0.30	80	25

Black (Other color available upon request)