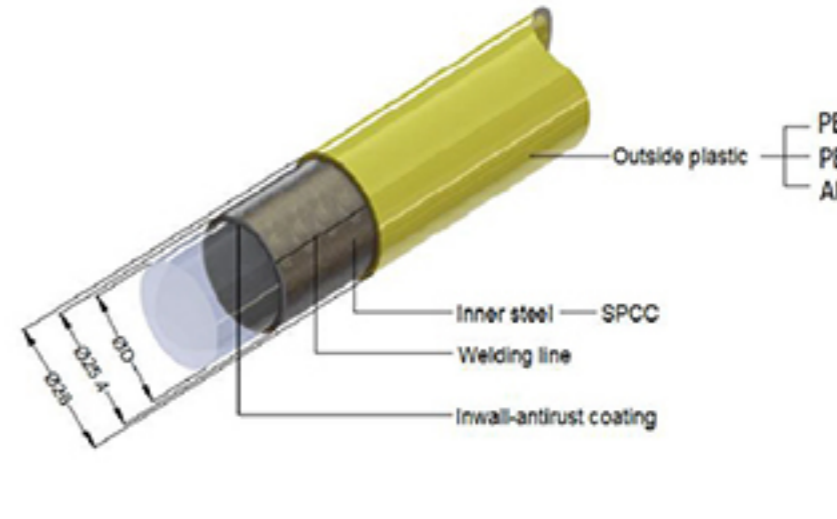
 Zhongshan Junyi Technology Co., Ltd ADD: Building L, No. 45, Middle of Industrial Avenue, Xiaolan Town, Zhongshan City, Guangdong Province, China	Introduction of coated pipe series
	Product number: JY-4000 pipe series

Product description : The length is 4 meter. The coated pipe's inner part is welded iron pipe with seam, and the its outer layer is covered with PE/ABS/ESD.

The specification of iron pipe	Length: MM	Thickness: MM					Outer diameter: $\phi \pm 0.02\text{MM}$	Inner diameter: $\phi \pm 0.02\text{MM}$	Total outer diameter: $\Phi \pm 0.02\text{MM}$
	4000 + 5	0.7 \pm 0.05	0.8 \pm 0.05	1 \pm 0.05	1.2 \pm 0.05	2 \pm 0.05	Φ : 25.4MM	0.7: $\phi 24$ 0.8: $\phi 23.8$ 1.0: $\phi 23.4$ 1.2: $\phi 23$ 2.0: $\phi 21.4$	Φ : 27.8
The weight of coated pipe	T: 0.7	T: 0.8		T: 1					
	4000MM: 2.1KG	4000MM: 2.28KG		4000MM: 2.8KG					
	1000MM: 0.52KG	1000MM: 0.57KG		1000MM: 0.8KG					
	T: 1.2		T: 2						
	4000MM: 3.35KG		4000MM: 4.9KG						
1000MM: 0.83KG		1000MM: 2.45KG							
The specification of plastic	PE		ABS		PE+ESD				
Packing specification	4050*130*95(MM)		Package quantity		10pcs/one package				

The production process of iron pipe

The manufacturing technique and processing method of iron pipe: extrusion molding, seam welding	Production processes	Oil removal	Forming	Adjust the gap	The gap connects with the gap	Weld inspection
	Processing method	Water and degreaser	The mould is extruded into a circle	Adjust the mould	Argon arc welding	Air pressure gun

The use requirements of iron pipe raw material

The material requirement of steel pipe	Cold rolled mild-carbon hard steel strip					
	The steel thickness require keep $\pm 0.05\text{MM}$.					
The iron pipe material's chemical composition	1= $X10^{-4}$, 2= $X10^{-2}$, 3= $X10^{-3}$, 4= $X10^{-4}$, 5= $X10^{-5}$,					
	C	Si	Mn	p	s	/
	2	2	2	3	3	/
percentage:%	0.06	0.02	0.17	0.15	0.1	/

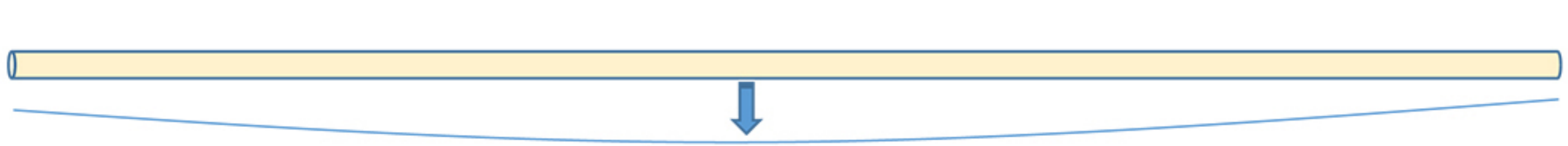
The production process of coating

The manufacturing technique and processing method of coating: injection	Production processes	Dry	Melt the plastic	Injection glue	Cooling	/
	Processing method	Dryer	Injection molding machine	The plastic mould	Water	/


The use requirements of plastic raw material

PE coating	The item name of material: 50D012 (5000S)	manufacturer: China Daqing Industrial	Physical characteristics				
		Capability item		Test date	Test unit		
		Basic characteristics		Density	0.954	g/cm ³	
		Mechanical characteristics		Tensile strength	30	MPa	
				Impact strength	15	kgcm/cm ²	
Yield strength				24	MPa		
Elongation at break	500			%			
Stress crack resistance	30	h					
ABS coating	The item name of material: 747S	Brand: CHINA CHIMEI CORPORATION	Physical characteristics				
		Capability item		Test way	Test data	Test unit	
		Physical characteristics	Proportion	ASTM D-792	1.03	23/23°C	
			Melt flow rate	ASTM D-1238	0.7	g/10min	
			Melt flow rate	ASTM D-1238	7.5	g/10min	
		Mechanical characteristics	Tensile stress	ASTM D-638	390	Kg/cm ²	
			Tensile stress	ASTM D-638	5530	lb/in ²	
			Elongation	ASTM D-638	40	%	
			Bending elasticity rate	ASTM D-790	2.1×104	Kg/cm ²	
			Bending elasticity rate	ASTM D-790	3.0×105	lb/in ²	
			Bending strength	ASTM D-790	620	Kg/cm ²	
			Bending strength	ASTM D-790	8800	lb/in ²	
			Rockwell hardness	ASTM D-785	102	R	
			IZOD impact strength	ASTM D-256	40	kg.cm/cm	
		IZOD impact strength	ASTM D-256	7.5	ft.lb/in		
IZOD impact strength		ASTM D-256	35	kg.cm/cm			
IZOD impact strength	ASTM D-256	6.5	ft.lb/in				

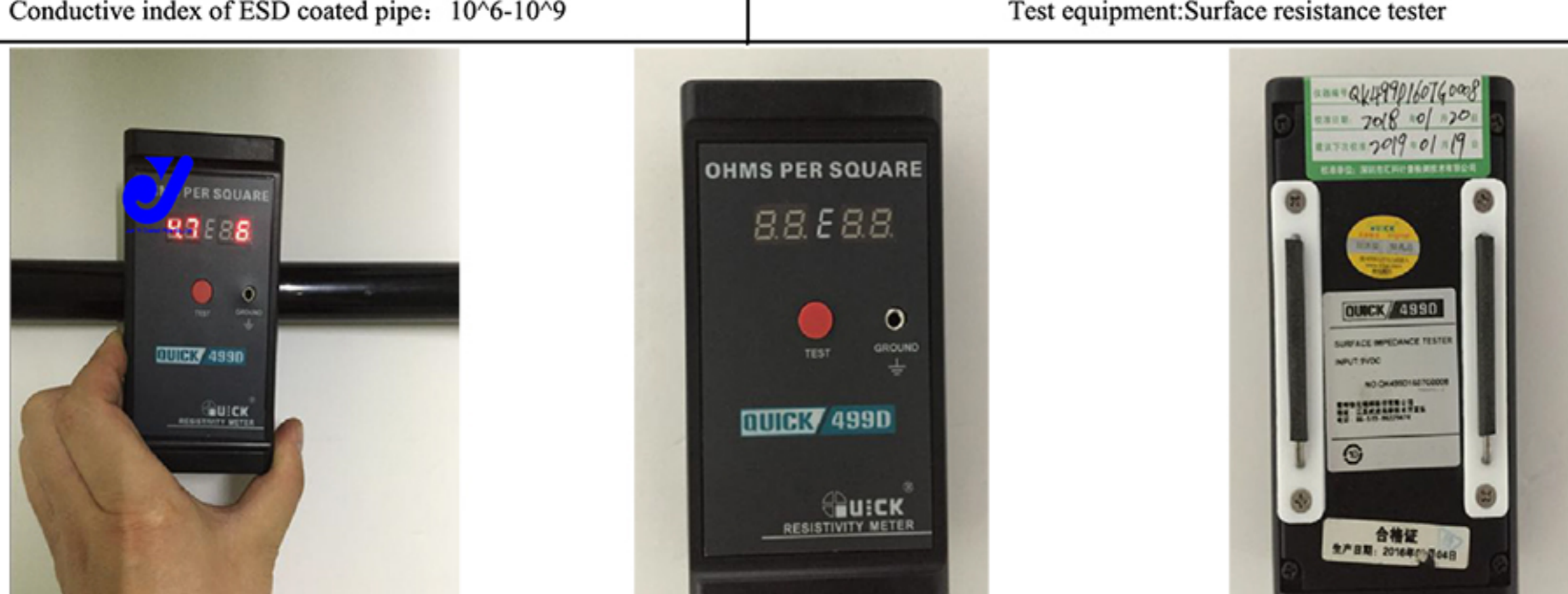
Bending data of coated pipe series

The specification of length 4000MM	Horizontal bending amplitude: <8MM
	

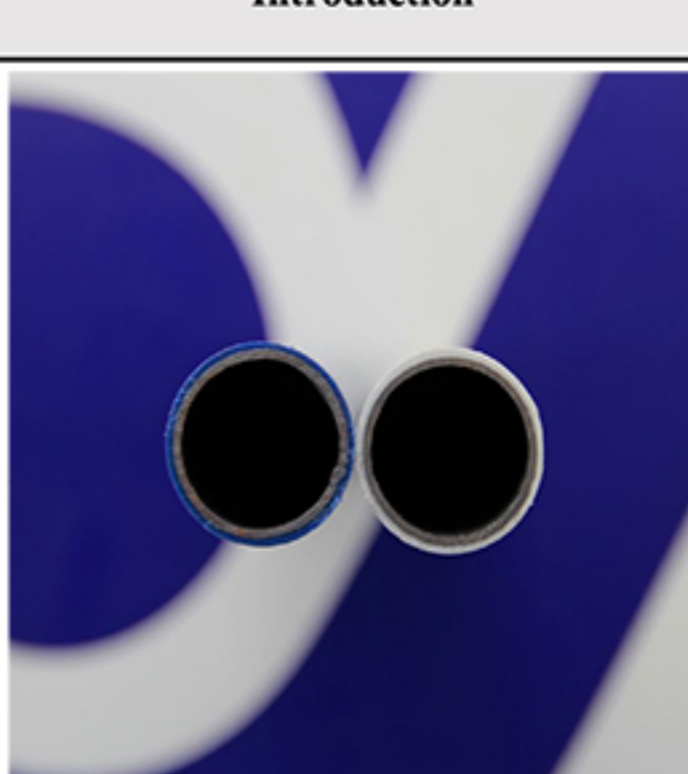


Bending force data of coated pipe

Test way	Specification: M	Length: MM	Pressure depth: MM	Press spe: mm/min	Load span: MM	Pressure : kgf	Loading time: H	Rebound range difference: max<mm>
	0.70	4010	10	50	1000	34.10	0.5	1
	0.80	4010	10	50	1000	38.00	0.5	1
	1.00	4010	10	50	1000	40.65	0.5	1
	1.20	4010	10	50	1000	53.60	0.5	1
	2.00	4010	10	50	1000	102.40	0.5	1

Conducting data of ESD coated pipe

Conductive index of ESD coated pipe: 10^6-10^9	Test equipment: Surface resistance tester
	

Product feature of coated pipe

Feature	Description	Function	Introduction
1. Coating evenly	The plastic coating of coated pipe thickness is even.	Even coating can make the metal joint. Then can fit with the requirement of assembling	
2. The coating is thick	The thickness of plastic coated pipe is 1.2 \pm 0.1MM.	The coating medium with sufficient thickness can protect the tube and meet the assembly requirements.	
3. Internal rust prevention treatment	The coated pipe's inside is treated with rust prevention.	The inner wall of the pipe is treated with anti-rust spray paint, and the anti-rust layer is tightly adhered to the inside of the pipe, which is not easy to fall off.	<p>Lean Pipe Good material determines good quality</p>  <p>With anti-rust coating <input checked="" type="checkbox"/> No anti-rust paint <input type="checkbox"/></p> <p>Iron pipe material: SPCC Plastic material: ABS/PE/ESD Production process: Extrusion + Welding</p>