



**ERW**

Electric Resistance Welded

# GI Pipes

Galvanized Iron  
Pipes



PT Steel Pipe Industry of Indonesia, Tbk.



We have an extensive range of Galvanized Iron Pipes. These are mostly applied for ceiling frame, wall frame, canopy, gate, electric and telecom cable duct. Our pipes can be manufactured in standard and customized specifications.

**Pengujian  
Beban 20 kg**



*SPINDO*

defleksi :  
15 cm



*Non SPINDO*

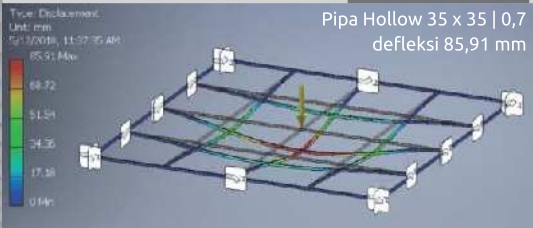
defleksi :  
17,5 cm



**Perbandingan Stress  
Analysis Aplikasi Plafon  
Simulasi beban 500 kg**

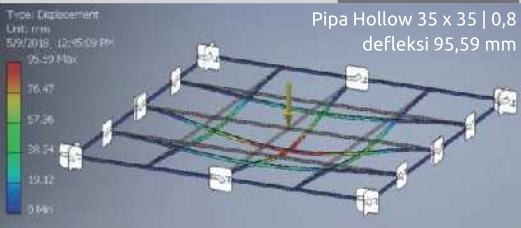
**SPINDO** ✓

Pipa Hollow 35 x 35 | 0,7  
defleksi 85,91 mm

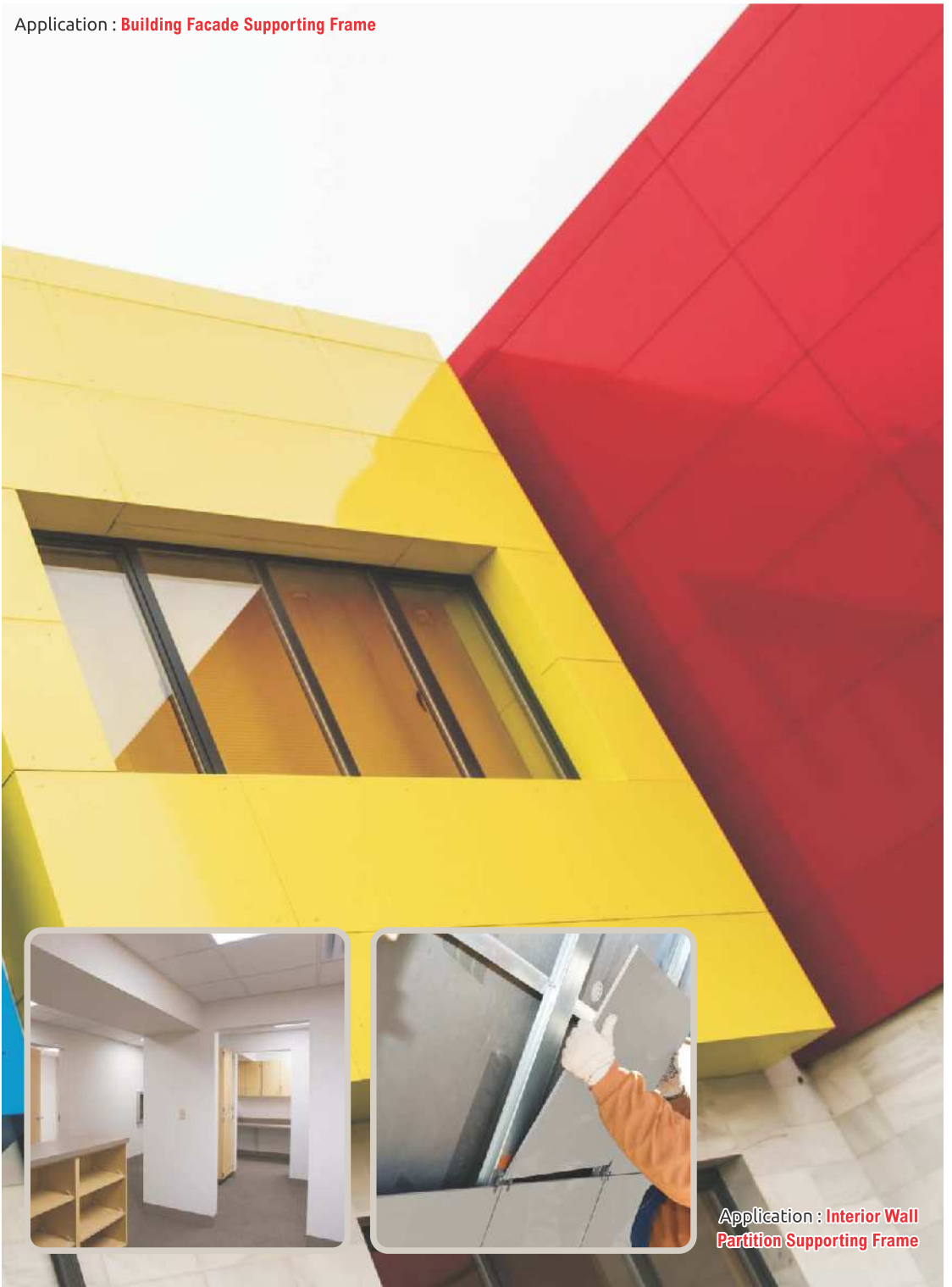


**Non SPINDO**

Pipa Hollow 35 x 35 | 0,8  
defleksi 95,59 mm



Application : **Building Facade Supporting Frame**



Application : **Interior Wall Partition Supporting Frame**



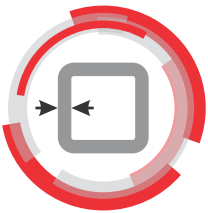
Application : **Awning**

Application : **Entrance Gate**

# Rectangular Pipes

DIMENSION (mm)		THICKNESS (mm)																				
WIDTH SIZE	LENGTH SIZE	0.50	0.60	0.70	0.80	0.90	1.00	1.20	1.35	1.50	1.70	2.00	2.05	2.10	2.15	2.20	2.30	2.35	2.60	2.90	3.00	4.10
12.5	12.5	●	●	●	●	●	●	●														
12.5	15	●	●	●	●	●	●	●														
15	15	●	●	●	●	●	●	●	●	●												
12.7	25.4		●	●	●	●	●	●	●	●	●											
14	20		●	●	●	●	●	●	●	●	●											
15	30		●	●	●	●	●	●	●	●	●	●										
15	35	●	●	●	●	●	●	●	●	●	●	●										
20	30	●	●	●	●	●	●	●	●	●	●	●										
25	25	●	●	●	●	●	●	●	●	●	●	●										
17	17		●	●	●	●	●	●	●	●	●	●										
17	37		●	●	●	●	●	●	●	●	●	●										
18	18		●	●	●	●	●	●	●	●	●	●										
19	19		●	●	●	●	●	●	●	●	●	●										
15	25	●	●	●	●	●	●	●	●	●	●	●										
20	20	●	●	●	●	●	●	●	●	●	●	●										
20	40	●	●	●	●	●	●	●	●	●	●	●										
20	75				●	●	●	●	●	●	●	●										
25	25	●	●	●	●	●	●	●	●	●	●	●										
30	30	●	●	●	●	●	●	●	●	●	●	●										
30	40	●	●	●	●	●	●	●	●	●	●	●										
35	35	●	●	●	●	●	●	●	●	●	●	●										
37	37		●	●	●	●	●	●	●	●	●	●										
37.5	37.5		●	●	●	●	●	●	●	●	●	●										
25	50		●	●	●	●	●	●	●	●	●	●										
25	55		●	●	●	●	●	●	●	●	●	●										
38	38		●	●	●	●	●	●	●	●	●	●										
40	40		●	●	●	●	●	●	●	●	●	●										
40	60			●	●	●	●	●	●	●	●	●										
50	50			●	●	●	●	●	●	●	●	●										
40	80				●	●	●	●	●	●	●	●										
60	60				●	●	●	●	●	●	●	●										
30	60			●	●	●	●	●	●	●	●	●										
35	55			●	●	●	●	●	●	●	●	●										
45	45			●	●	●	●	●	●	●	●	●										
47	47			●	●	●	●	●	●	●	●	●										
50	100					●	●	●	●	●	●	●										
75	75					●	●	●	●	●	●	●										

**Pasti** ✓  
**TEBALnya**



Produk SPINDO memiliki **marking** informasi spesifikasi pada setiap produksi pipa baja sebagai jaminan kualitas dari pabrik.

*SPINDO products have a **marking** that informs the specification on each steel pipe production as a quality assurance from the manufacture.*



**Pasti** ✓  
**SIKUNya**



## Keunggulan Pipa GI **SPINDO**

## Advantages of GI Pipes **SPINDO**

- **Regangan Tarik Tinggi...**
- **Kandungan Titanium...**  
Kuat dengan minim perawatan.
- **Proteksi Zinc...**  
Proteksi ekstra dalam lingkungan paling korosif & lingkungan industri.  
Ketebalan Zinc 120 g/cm<sup>2</sup> atau 16,8 micron.
- **Reduced Cost...**  
instalasi yang mudah dan biaya perawatan yang hemat.

- **High Tensile...**
- **Titanium Content...**  
Strength with low maintenance.
- **Zinc Protection...**  
Extra protection in most corrosive and industrial atmospheres.  
Zinc thickness 120 g/cm<sup>2</sup> or 16,8 micron.
- **Reduced Cost...**  
Ease of installation and reduced maintenance costs.

## Round Pipes

DIMENSION		THICKNESS (mm)	NOTES
inch	mm		
½	19.1	0.90	-
½	19.3	1.00	SCREW THREAD
½	19.3	1.20	SCREW THREAD
½	19.3	1.35	SCREW THREAD
½	19.3	1.50	SCREW THREAD
½	19.3	1.70	SCREW THREAD
¾	24.0	0.90	-
¾	24.2	1.00	SCREW THREAD
¾	24.2	1.20	SCREW THREAD
¾	24.2	1.35	SCREW THREAD
¾	24.2	1.50	SCREW THREAD
¾	24.2	1.70	SCREW THREAD
1	31.0	0.90	-
1	31.2	1.00	SCREW THREAD
1	31.2	1.20	SCREW THREAD
1	31.2	1.35	SCREW THREAD

DIMENSION		THICKNESS (mm)	NOTES
inch	mm		
1	31.2	1.50	SCREW THREAD
1	31.2	1.70	SCREW THREAD
1¼	38.1	1.00	-
1¼	39.0	1.20	SCREW THREAD
1¼	39.0	1.35	SCREW THREAD
1¼	39.0	1.50	SCREW THREAD
1¼	39.0	1.70	SCREW THREAD
1½	44.5	1.00	-
1½	45.9	1.20	SCREW THREAD
1½	46.7	1.35	SCREW THREAD
1½	46.7	1.50	SCREW THREAD
1½	46.7	1.70	SCREW THREAD
2	57.7	1.20	SCREW THREAD
2	58.5	1.35	SCREW THREAD
2	58.5	1.50	SCREW THREAD
2	58.5	1.70	SCREW THREAD

**Pasti** ✓  
**LAPISAN**nya



Teknologi produksi pipa kotak SPINDO yang presisi dengan sisi yang rata & sudut 90°.

SPINDO's rectangular pipe technology produces precisely flat on sides & 90° angle.

Finishing produk SPINDO dengan permukaan yang rapi (bekas las produksi tidak terlihat), dengan teknologi zinc spray (Z12).

Neat look on surface of SPINDO's products finishing (no welding marks), through zinc spraying technology (Z12).



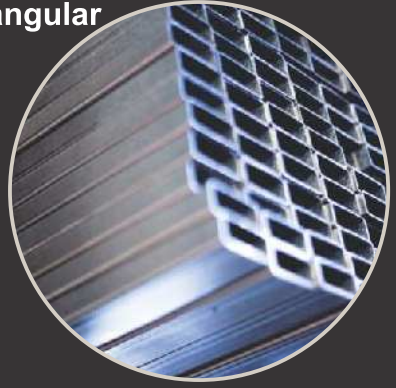
## Round

GI Pipes



## Rectangular

GI Pipes



 SPINDO 15 x 35 x 0.6 x 6000 mm Z12

 SPINDO 35 x 35 x 0.8 x 6000 mm Z12

 SPINDO 40 x 80 x 1.2 x 6000 mm Z12

 SPINDO 50 x 100 x 1.2 x 6000 mm Z12



ERW Pipe Manufacturing Process  
SPINDO® Unit 6