



**Aluminum tent pole**  
**The original since 1992**

Nansen aluminum tent poles are the perfect durable--Great product for outdoor travel.

Consumers may simply put up a tent and continuously use many years, reducing waste and improving carbon footprint.

Our aluminum tent poles are available with various shape tent pole suitable for customer requirement, tent peg, tent accessories .

**Raw Material**

Alloy 6061

Aluminium : Al 95.85%~98.56%

Alloy 6063

Aluminium : Al 97.50%-99.35%

Alloy 7001

Aluminium : Al 88.15-92.57

Alloy 7075

Aluminium : Al 87.1%~91.4%

**Markets**

Camping, mountaineering, outdoor exploration activities, disaster relief and emergency situations, wilderness training, etc.

**Surface and printing**

Anodizing; Laser printing LOGO

**Features**

Functional, lightweight, unbreakable, stable, economical, repeated use, easy to use, 100% recyclable, sustainable, rustproof

**Aluminium Facts**

Energy-efficient and resource-conserving, 100% and indefinitely recyclable without loss of its material properties, availability unlimited, lighter than steel, Stronger than fiberglass rod

# N A N S E N ● We Can

Alloy	Si %max	Fe %max	Cu %max	Mn %max	Mg %max	Cr %max	Zn %max	Ti %max	Other %max	Al %max
6061	0.4-0.8	0.7	0.15-0.4	0.15	0.8-1.2	0.04-0.35	0.25	0.15	0.15	95.85-98.56
6063	0.2-0.6	0.35	0.1	0.1	0.45-0.9	0.1	0.1	0.1	0.15	97.5-99.35
7001	0.2	0.3	1.6-2.4	0.3	2.0-3.0	0.18-0.28	5.0-6.0	0.2	0.15	88.15-92.57
7075	0.4	0.5	1.2-2.0	0.3	2.1-2.9	0.18-0.28	5.1-6.1	0.2	0.15	87.1-91.4

## Applications:



# NANSEN ● We Can

Regular size:

	Diameter	Thickness
Alloy 7001/7075	6mm	0.7mm
	7mm	0.65mm
	7mm	0.7mm
	7.5mm	0.9mm
	7.9mm	0.7mm
	7.9mm	0.72mm
	7.9mm	1mm
	8mm	0.7mm
	8.5mm	0.7mm
	8.5mm	0.72mm
	8.5mm	1mm
	9mm	0.72mm
	9.5mm	0.72mm
	10mm	0.72mm
	10.2mm	0.72mm
	10mm	1mm
	11mm	0.75mm
	11mm	0.8mm
	12mm	1mm
	12.5mm	1mm
	13mm	1mm
	14mm	1mm
	14.5mm	1mm
	15mm	1mm
	16mm	1mm
	16.8mm	1mm
	17mm	1.5mm
	18mm	1mm
	19mm	1mm
	19mm	1.2mm
	19.25mm	1.13mm
	20mm	1mm
	20mm	1.5mm
	22mm	1mm
	25mm	1mm
28mm	1mm	
31.5mm	1.5mm	
32mm	1mm	
35mm	1mm	
35mm	1.3mm	

	Diameter	Thickness
Alloy 6061/6063	16mm	1mm
	19mm	1.2mm
	20mm	1.5mm
	22mm	1mm
	22mm	1.2mm
	22mm	1.5mm
	25mm	1.2mm
	25mm	1.5mm
	28mm	1.2mm
	28mm	1.5mm
	28mm	2mm
	30mm	1.5mm
	31.5mm	1.5mm
	32mm	1mm
	32mm	1.5mm
33mm	2mm	



**TEST REPORT**

No. : XMIN1912009421ML

Date : Jan 08, 2020

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1. Flaring Test:

Test Method: ASTM A370-19\*1 & Client's requirement.

Sample	Specification (mm)	Expansion rate (Outside) (%)	Angle of taper mandrel (°)	Result
Result	Φ16	20	45	No crack

Note: Test specimen is the second part of the sample.

2. Bend Test:

Test Method: ASTM E290-2014 & Client's requirement.

Test item	Specification (mm)	Bend diameter (d) (mm)	Distance between lower supports(mm)	Maximum Force (N)	Result
Bend- Longitudinal	Φ16	20	200	1648	No crack

Note: Test specimen is the second part of the sample.

Sample Photo:



Sample

Sample after Flaring Test



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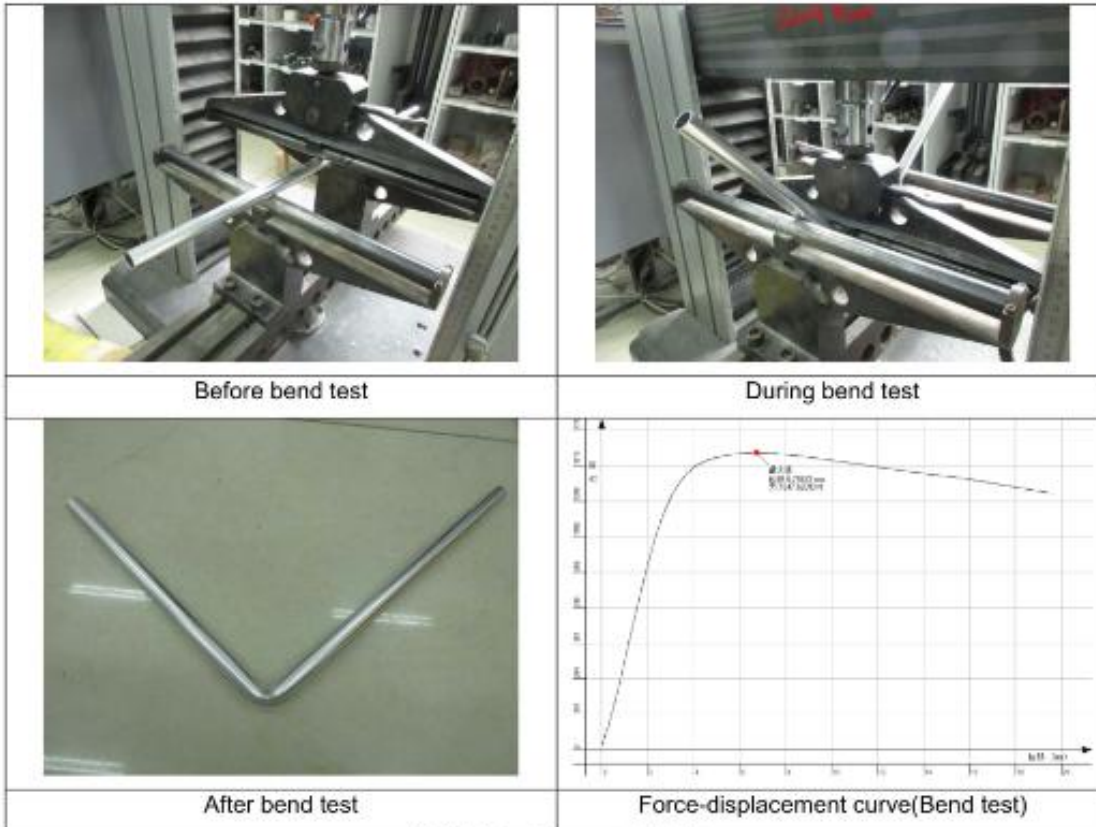


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\*\*\*\*\* End of report\*\*\*\*\*



Xiamen Nansen Testing Services Co., Ltd.  
Xiamen Branch Testing Services Laboratory

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