



Nylon Tube

Pictures	Size mm (O.D×Wall Thickness)	Weight per meter(g/m)	Tensile Strength (kgf/c m ²)	Working Pressure (Mpa)	Bursting Pressure (Mpa)	Bending Radius(mm)
	3mm×0.5mm	4.3	10	3.0	4.5	18
	4mm×0.75mm	8.4	13	3.1	5.5	20
	4mm×1mm	10.4	16	4.5	6.8	30
	5mm×1mm	13.8	22	3.4	6.5	35
	6mm×1mm	17.3	34	3.2	6.3	40
	8mm×1mm	24.2	43	2.6	5.7	50
	10mm×1mm	31.1	62	2.7	4.5	65
	10mm×1.25mm	37.8	70	2.8	5.6	65
	12mm×1.5mm	54.4	101	3.2	5.7	70
	14mm×1.5mm	64	125	2.2	5.6	80
	15mm×1.5mm	70	140	2.0	5.4	90
	16mm×2mm	96.7	190	2.8	5.4	130
	18mm×1.5mm	85.5	210	2.3	3.6	155
	23mm×2mm	145.1	260	2.1	3.3	120
	3/16" ×0.75mm	10.4	18	3.3	6.3	35
	5/16" ×1mm	24	40	2.5	5.6	50
	1/4" ×1mm	18.5	38	2.7	5.3	45
	3/8" ×1.5mm	41.6	65	2.8	6.1	50
	1/2" ×1.5mm	58.1	110	3.0	5.5	80
5/8" ×1.5mm	74.5	175	2.7	5.0	125	

PA11,PA12 Nylon Tube P11,P12

Size mm (O.D×Wall Thickness)	(20℃) Working Pressure(Mpa)	(20℃) Bursting Pressure(Mpa)	Abrasion	Hardness	Tensile Strength	bending Radius
14×1.5	2.2MPa/cm ²	5.6MPa/cm ²	42mg	75D±5	120KGF	80mm
12×1.5	1.9MPa/cm ²	5.7MPa/cm ²	42mg	75D±5	98KGF	67mm
10×1.25	1.9MPa/cm ²	5.7MPa/cm ²	42mg	75D±5	68KGF	60mm
10×1	1.6MPa/cm ²	4.5MPa/cm ²	42mg	75D±5	57KGF	62mm
8×1	1.9MPa/cm ²	5.7MPa/cm ²	42mg	75D±5	40KGF	48mm
6×1	2.7MPa/cm ²	8.1MPa/cm ²	42mg	75D±5	32KGF	37mm
5×1	2.9MPa/cm ²	8.7MPa/cm ²	42mg	75D±5	22KGF	25mm
4×0.75	2.7MPa/cm ²	5.2MPa/cm ²	42mg	75D±5	12KGF	18mm

Clear PA6 Nylon Tube

Size mm (O.D×Wall Thickness)	(20℃) Working Pressure(Mpa)	(20℃) Bursting Pressure(Mpa)	Abrasion	Hardness	Tensile Strength	bending Radius
14×1.5	2.2MPa/cm ²	5.6MPa/cm ²	40mg	80D±5	127KGF	80mm
12×1.5	3.2MPa/cm ²	5.7MPa/cm ²	40mg	80D±5	103KGF	67mm
10×1.25	2.8MPa/cm ²	5.6MPa/cm ²	40mg	80D±5	72KGF	60mm
10×1	2.7MPa/cm ²	4.5MPa/cm ²	40mg	80D±5	64KGF	62mm
8×1	2.6MPa/cm ²	5.7MPa/cm ²	40mg	80D±5	45KGF	48mm
6×1	3.2MPa/cm ²	6.3MPa/cm ²	40mg	80D±5	36KGF	37mm
5×1	3.4MPa/cm ²	6.5MPa/cm ²	40mg	80D±5	24KGF	25mm
4×0.75	3.1MPa/cm ²	5.5MPa/cm ²	40mg	80D±5	15KGF	18mm

Modified Nylon Tube(PA11-6)

Size mm (O.D×Wall Thickness)	(20℃) Working Pressure(Mpa)	(20℃) Bursting Pressure(Mpa)	Abrasion	Hardness	Tensile Strength	bending Radius
14×1.5	2.2MPa/cm ²	5.6MPa/cm ²	41mg	78D±5	125KGF	80mm
12×1.5	3.2MPa/cm ²	5.7MPa/cm ²	41mg	78D±5	101KGF	67mm
10×1.25	2.8MPa/cm ²	5.6MPa/cm ²	41mg	78D±5	70KGF	60mm
10×1	2.7MPa/cm ²	4.5MPa/cm ²	41mg	78D±5	62KGF	62mm
8×1	2.6MPa/cm ²	5.7MPa/cm ²	41mg	78D±5	43KGF	48mm
6×1	3.2MPa/cm ²	6.3MPa/cm ²	41mg	78D±5	34KGF	37mm
5×1	3.4MPa/cm ²	6.5MPa/cm ²	41mg	78D±5	22KGF	25mm
4×0.75	3.1MPa/cm ²	5.5MPa/cm ²	41mg	78D±5	13KGF	18mm

RuanQiLin Nylon Tube



Size mm (O.D×Wall Thickness)	(20℃) Working Pressure(Mpa)	(20℃) Bursting Pressure(Mpa)	Hardness	Tensile Strength	bending Radius
14×1.5	1.6MPa/cm ²	2.5MPa/cm ²	70D±5	81KGF	70mm
12×1.5	2.0MPa/cm ²	3.1MPa/cm ²	70D±5	69KGF	60mm
10×1.25	2.2MPa/cm ²	3.3MPa/cm ²	70D±5	50KGF	50mm
8×1	2.3MPa/cm ²	3.5MPa/cm ²	70D±5	35KGF	40mm
6×1	2.8MPa/cm ²	3.7MPa/cm ²	70D±5	28KGF	30mm
5×1	3.0MPa/cm ²	4.5MPa/cm ²	70D±5	22KGF	25mm
4×1	3.2MPa/cm ²	4.8MPa/cm ²	70D±5	17KGF	22mm

Air Brake Coils



Ref No.	Ref No. of Electrical Coils	No. Turns	Mandrel(mm)	Working Length(m)	End Fittings
QS-15	QS-15	15	110	2.50	Tube-linking nut M18×15 female fitting ZG1/2" & M22 ×1.5
QS-18	QS-18	18	90	2.00	
			110	3.00	
QS-20	QS-20	20	90	2.50	
			110	3.25	
QS-22	QS-22	22	90	2.50	
			110	3.50	
QS-24	QS-24	24	90	3.00	
			110	3.75	
QS-26	QS-26	26	90	3.50	
			110	4.00	
QS-28	QS-28	28	110	4.10	
QS-30	QS-30	30	110	4.30	

Seven-core Electrical Coils



Reinforce Nylon Tube

Size(O.D)	Outer Diameter(mm)	Inner Diameter(mm)	Working Pressure(Mpa)	Bursting Pressure(Mpa)
3/8"	9.5	6.7	3.8	7.0
1/2"	12.7	9.6	3.5	6.5
5/8"	15.8	12.3	3.2	6.0

