

TUBING

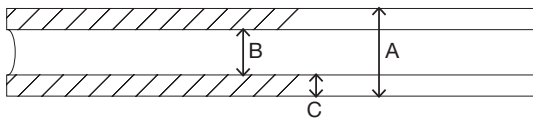
METRIC FLEXIBLE NYLON 12 (BS5409 & DIN 73378)

Ordering Code

B N T M	0 4	/	0 2 5	N	-	1 0 0
Model	O.D.	I.D.	Colour	Length		
BNTM Nylon Metric	03 : 3mm 04 : 4mm 05 : 5mm 06 : 6mm 08 : 8mm 10 : 10mm 12 : 12mm 14 : 14mm 16 : 16mm	015 : 1.5mm 2 : 2mm 025 : 2.5mm 030 : 2.5mm 040 : 4mm 060 : 6mm 070 : 7mm 080 : 8mm 090 : 9mm 100 : 10mm 110 : 110mm 130 : 130mm	Blank : Natural N : Black R : Red Y : Yellow B : Blue G : Green	Blank : 30 metre 100 : 100 metre 500 : 500 metre		



Tube is not suitable for use with water or in high humidity environments



A = O.D. mm
B = I.D. mm
C = Wall Thickness mm

Technical Data

A	B	C	Working Pressure @ 23°C (bar)	Bend Radius (mm)
3	1.5	0.6	200 psi	6mm
4	2	0.75	350 psi	8mm
4	2.5	0.75	400 psi	8mm
5	3	1	400 psi	10mm
6	4	1	350 psi	13mm
8	6	1.25	350 psi	32mm
10	7	1.5	300 psi	26mm
10	8	1.75	220 psi	50mm
12	9	2	250 psi	45mm
12	10	2	200 psi	60mm
14	11	2.5	250 psi	60mm
16	13	2.5	200 psi	85mm

Product Features

- 1 Manufactured from quality grade nylon granules.
- 2 The properties of this tube make it ideal for use in pneumatic control systems, chemical transfer and low-pressure hydraulic systems.
- 3 U.V. stable.
- 4 Silicone free.
- 5 Abrasion resistant.
- 6 Available in a range of colours.
- 7 Selected 30m coils are supplied in convenient wall-mountable storage and supply box. Neatly stores tubing, allowing sections to be cut when required.

Tolerances

4mm – 10mm OD \pm 0.1mm
11mm – 18mm OD \pm 0.15mm
 \pm 0.5% on weight

Working Pressure

4 to 1 safety factor

Temperature

-40°C to +80°C

TUBING

METRIC FLEXIBLE NYLON TUBE

Dimensions

Model	OD (mm)	ID (mm)	Colour	Length Metre
BNTM03/015	3	1.5	Natural	30
BNTM04/2	4	2	Natural	30
BNTM04/025	4	2.5	Natural	30
BNTM04/025N	4	2.5	Black	30
BNTM04/025B	4	2.5	Blue	30
BNTM04/025G	4	2.5	Green	30
BNTM04/025R	4	2.5	Red	30
BNTM05/030	5	3	Natural	30
BNTM05/030N	5	3	Black	30
BNTM05/030B	5	3	Blue	30
BNTM06/030	6	3	Natural	30
BNTM06/040	6	4	Natural	30
BNTM06/040N	6	4	Black	30
BNTM06/040B	6	4	Blue	30
BNTM06/040G	6	4	Green	30
BNTM06/040R	6	4	Red	30
BNTM06/040Y	6	4	Yellow	30
BNTM08/060	8	6	Natural	30
BNTM08/060N	8	6	Black	30
BNTM08/060B	8	6	Blue	30
BNTM08/060R	8	6	Red	30
BNTM08/060Y	8	6	Yellow	30
BNTM10/070	10	7	Natural	30
BNTM10/070N	10	7	Black	30
BNTM10/070B	10	7	Blue	30
BNTM10/070R	10	7	Red	30
BNTM10/080	10	8	Natural	30
BNTM10/080N	10	8	Black	30
BNTM10/080B	10	8	Blue	30
BNTM10/080R	10	8	Red	30
BNTM12/090	12	9	Natural	30

Model	OD (mm)	ID (mm)	Colour	Length Metre
BNTM12/090N	12	9	Black	30
BNTM12/090B	12	9	Blue	30
BNTM12/090R	12	9	Red	30
BNTM12/100	12	10	Natural	30
BNTM12/100N	12	10	Black	30
BNTM14/110	14	11	Natural	30
BNTM14/110N	14	11	Black	30
BNTM16/130	16	13	Natural	30
BNTM04/025-100	4	2.5	Natural	100
BNTM05/030-100	5	3	Natural	100
BNTM06/040-100	6	4	Natural	100
BNTM06/040N-100	6	4	Black	100
BNTM06/040B-100	6	4	Blue	100
BNTM06/040G-100	6	4	Green	100
BNTM06/040R-100	6	4	Red	100
BNTM06/040Y-100	6	4	Yellow	100
BNTM08/060-100	8	6	Natural	100
BNTM08/060N-100	8	6	Black	100
BNTM08/060B-100	8	6	Blue	100
BNTM08/060G-100	8	6	Green	100
BNTM08/060R-100	8	6	Red	100
BNTM08/060Y-100	8	6	Yellow	100
BNTM10/080-100	10	8	Natural	100
BNTM10/080N-100	10	8	Black	100
BNTM10/080B-100	10	8	Blue	100
BNTM10/080R-100	10	8	Red	100
BNTM06/040-500	6	4	Natural	500
BNTM06/040B-500	6	4	Blue	500
BNTM08/060-500	8	6	Natural	500
BNTM08/060B-500	8	6	Blue	500

CHEMICAL RESISTANCE CHART

N	PUR	PE	PVC		N	PUR	PE	PVC		N	PUR	PE	PVC	
-	-	-	-	Acetic Acid, Glacial	-	-	-	-	4	3	2	-	4	Picric Acid
4	4	1	4	Acetic acid, 30%	-	4	1	4	4	4	1	-	4	Potassium Acetate (aq)
4	4	2	4	Acetone	-	4	1	4	4	4	1	1	1	Potassium Chloride (aq)
4	4	1	1	Acetylene	-	4	1	1	4	4	1	1	1	Potassium Cyanide (aq)
4	4	-	-	Akazene	-	4	-	-	4	4	-	-	-	Potassium Hydroxide (aq)
-	3	2	1	Aluminum Chloride (aq)	-	3	2	1	3	4	1	1	1	Producer Gas
-	-	-	-	Aluminum Nitrate (aq)	-	3	-	-	3	4	-	-	-	Propane
3	4	-	-	Ammonia Anhydrous	-	4	2	1	4	4	3	3	1	Propyl Alcohol
4	4	2	1	Ammonia Gas (cold)	-	4	2	1	4	4	-	-	-	Propylene
4	4	-	-	Ammonia Gas (hot)	-	4	-	-	4	4	-	-	-	Propylene Oxide
1	1	1	1	Ammonium Chloride (aq)	-	4	1	1	4	4	-	-	-	Pydraul, 10E, 29 ELT
1	1	1	1	Ammonium Sulfate (aq)	-	4	1	1	4	4	-	-	-	Pydraul 30E, 50E, 65E
-	-	-	-	Amyl Alcohol	-	4	2	1	4	4	-	-	-	Pydraul,115E
4	4	-	-	Amyl Naphthalene	-	4	-	-	4	4	-	-	-	Pydraul 230E, 312C, 540C
1	1	-	-	Animal Fats	-	4	-	-	4	2	-	-	-	Rapeseed Oil
4	4	2	3	Aqua Regia	-	4	2	3	4	2	-	-	-	Red Oil (MIL-H-5606)
4	3	2	1	Arsenic Acid	-	4	2	1	4	1	-	-	-	RJ-1 (MIL-F-2338 B)
2	2	1	1	Asphalt	-	4	2	1	4	1	-	-	-	RP-1 (MIL-F-25576 C)
2	2	-	-	ASTM Fuel A	-	4	-	-	4	1	-	-	-	Salt Water
3	3	1	1	ASTM Fuel B	-	4	-	-	4	2	1	1	1	Sewage
3	3	1	1	ASTM Fuel C	-	4	-	-	4	1	-	-	-	Silicate Esters
1	2	1	1	Barium Chloride (aq)	-	4	-	-	4	1	1	1	1	Silicone Oils
1	2	1	1	Beer	-	4	-	-	4	1	2	1	1	Silver Nitrate
4	4	1	1	Beet Sugar Liquors	-	4	1	1	4	1	4	-	-	Skydrol 500
1	3	3	3	Benzene	1	3	3	3	4	4	-	-	-	Skydrol 700
2	2	-	-	Benzine	-	4	-	-	4	-	-	-	-	Soap Solutions
4	4	-	-	Blast Furnace Gas	-	4	-	-	4	1	3	3	1	Sodium Chloride (aq)
4	4	-	-	Bleach Solutions	-	4	-	-	4	1	1	1	1	Sodium Hydroxide (aq)
1	1	1	2	Borax	-	4	-	-	4	4	2	1	1	Sodium Peroxide (aq)
1	1	1	1	Boric Acid	-	4	-	-	4	1	4	2	1	Sodium Phosphate (aq)
-	-	-	-	Brake Fluid	-	4	-	-	4	-	-	-	-	Sodium Sulfate (aq)
-	2	4	3	Brine	-	4	2	4	4	1	1	1	1	Soy Bean Oil
4	4	-	-	Bromine Water	4	4	-	-	4	2	1	1	1	Steam Under 300°F
4	2	-	-	Bunker Oil	4	2	-	-	4	4	-	-	-	Steam Over 300°F
1	1	3	3	Butane	1	1	3	3	4	1	3	3	3	Stoddard Solvent
1	1	-	-	Butter	1	1	-	-	4	3	-	-	4	Styrene
3	4	1	2	Butyl Alcohol	3	4	1	2	4	-	-	-	-	Sucrose Solution
4	4	1	1	Butylene	-	4	1	1	4	3	1	1	1	Sulfuric Acid (Dilute)
1	1	2	1	Calcium Chloride (aq)	1	1	2	1	4	3	4	4	4	Sulfuric Acid (Conc.)
1	1	2	1	Calcium Hydroxide (aq)	1	1	2	1	4	3	2	1	1	Sulfuric Acid (20% Oleum)
1	1	-	-	Calcium Nitrate (aq)	1	1	-	-	4	3	2	1	1	Sulfurous Acid
1	1	-	-	Calcium Sulfide (aq)	1	1	-	-	4	1	2	1	1	Tannic Acid
-	-	-	-	Cane Sugar Liquors	-	4	-	-	4	2	4	4	4	Tetrachlorethylene
3	3	2	3	Carbolic Acid	-	3	2	3	4	2	4	4	4	Toluene
1	1	3	1	Carbon Dioxide	-	4	1	3	4	1	3	3	4	Transformer Oil
1	1	2	1	Carbonic Acid	-	4	1	2	4	1	-	-	-	Transmission Fluid Type A
1	2	1	1	Carbon Monoxide	-	4	1	2	4	2	1	1	1	Trichloroethane
3	4	2	2	Carbon Tetrachloride	3	4	2	2	4	4	3	4	4	Trichloroethylene
-	-	-	-	Castor Oil	-	1	-	-	4	-	-	-	-	Turbine Oil
4	4	2	1	Chlorine (dry)	4	4	2	1	4	3	3	2	2	Turpentine
4	4	1	1	Chlorine (wet)	4	4	-	-	4	3	3	4	4	Varnish
3	4	3	4	Chloroform	3	4	3	4	4	4	2	1	1	Vinegar
4	4	3	4	Chlorox	4	4	-	-	4	1	4	-	-	Vinyl Chloride
4	4	1	1	Chromic Acid	4	4	1	1	4	1	1	1	1	Water
1	1	1	2	Citric Acid	1	1	1	2	4	2	3	1	1	Whiskey
1	3	-	-	Coal Tar	-	3	-	-	4	1	-	-	-	White Oil
2	2	-	1	Coconut Oil	-	2	-	-	4	1	-	-	-	Wood Oil
1	1	-	1	Cod Liver Oil	-	1	-	-	4	3	-	-	-	Xylene
4	4	-	-	Coke Oven Gas	-	4	-	-	4	4	3	4	4	Zinc Acetate (aq)
1	1	2	1	Copper Chloride (aq)	-	4	1	2	4	1	-	-	-	Zinc Chloride (aq)
-	-	-	-	Copper Chloride (aq)	-	1	1	2	4	1	-	-	-	
-	-	-	-	Com Oil	-	1	2	1	4	1	-	-	-	
-	-	-	-	Cotton Seed Oil	-	1	2	1	4	1	-	-	-	
-	-	-	-	Creosot	-	4	4	3	4	4	3	4	4	
-	-	-	-	Cychlohexane	-	1	1	2	4	4	3	4	4	
-	-	-	-	Denatured Aicohol	-	1	4	-	4	1	-	-	-	
-	-	-	-	Detergent Solution	-	4	1	1	4	1	-	-	-	
-	-	-	-	Diesel Oil	-	3	3	3	4	1	-	-	-	
-	-	-	-	Dioxane	-	4	-	-	4	1	-	-	-	
-	-	-	-	Dowtherm Oil	-	3	-	-	4	1	-	-	-	
-	-	-	-	Dry Cleaning Fluids	-	4	-	-	4	1	-	-	-	
-	-	-	-	Ethane	-	3	-	-	4	1	-	-	-	
-	-	-	-	Ethyl Acrylate	-	4	-	-	4	1	-	-	-	
-	-	-	-	Ethyl Alcohol	-	3	4	-	4	1	-	-	-	
-	-	-	-	Ethyl Benzine	-	4	4	-	4	1	-	-	-	
-	-	-	-	Ethyl Cellulose	-	2	-	-	4	1	-	-	-	
-	-	-	-	Ethyl Chloride	-	2	-	-	4	1	-	-	-	
-	-	-	-	Ethyl Ether	-	3	-	-	4	1	-	-	-	
-	-	-	-	Ethylene Chloride	-	4	1	4	4	1	-	-	-	
-	-	-	-	Ethylene Glycol	-	4	1	4	4	1	-	-	-	
-	-	-	-	Ethylene Oxide	-	4	2	4	4	1	-	-	-	
-	-	-	-	Ethylene Trichloride	-	4	1	1	4	1	-	-	-	
-	-	-	-	Ferric Chloride (aq)	-	4	-	-	4	1	-	-	-	
-	-	-	-	Ferric Nitrate (aq)	-	3	2	1	4	1	-	-	-	
-	-	-	-	Ferric Sulfate (aq)	-	3	-	-	4	1	-	-	-	
-	-	-	-	Fluorine (Liqued)	-	4	2	1	4	3	3	1	1	
-	-	-	-	Formaldehyde (RT)	-	4	-	-	4	4	-	-	-	
-	-	-	-	Formic Acid	-	4	-	-	4	4	-	-	-	
-	-	-	-	Freon 11	-	4	1	1	4	4	-	-	-	
-	-	-	-	Freon 12	-	4	1	1	4	4	-	-	-	
-	-	-	-	Freon 22	-	4	2	1	4	4	-	-	-	
-	-	-	-	Fuel Oil	-	4	-	-	4	4	-	-	-	
-	-	-	-	Futural Glucose	-	4	-	-	4	2	-	-	-	
-	-	-	-	Glue	-	4	2	3	4	2	-	-	-	
-	-	-	-	Glycerin	-	4	2	1	4	1	-	-	-	
-	-	-	-	Glycols	-	4	2	1	4	1	-	-	-	
-	-	-	-	Green Sultate Liquor	-	4	-	-	4	1	-	-	-	
-	-	-	-	Hexane	-	4	-	-	4	1	-	-	-	
-	-	-	-	Hydraulic Oil	-	4	1	1	4	2	1	1	1	
-	-	-	-	Hydrochloric Acid (cold) 37%	-	4	1	1	4	1	-	-	-	
-	-	-	-	Hydrochloric Acid (hot) 37%	-	1	2	1	4	1	1	1	1	
-	-	-	-	Hydrofluoric Acid (Conc.)Cold	-	4	1	1	4	1	2	1	1	
-	-	-	-	Hydrofluoric Acid (Conc.) Hot	1	3	3	3	4	4	-	-	-	
-	-	-	-	Hydrogen Gas	-	2	-	-	4	-	-	-	-	
-	-	-	-	Isobutyl Alcohol	-	4	-	-	4	1	3	3	1	
-	-	-	-	Isocetane	-	4	-	-	4	1	1	1	1	
-	-	-	-	Isopropyl Acetate	-	1	1	2	4	4	2	1	1	
-	-	-	-	Isopropyl Alcohl	-	1	1	1	4	4	1	2	1	
-	-	-	-	Isopropyl Ether	-	4	-	-	4	-	-	-	-	
-	-	-	-	Kerosene	-	4	2	4	4	1	1	1	1	
-	-	-	-	Lacquers	4	4	-	-	4	2	1	1	1	
-	-	-	-	Lacquer Solvents	4	2	-	-	4	4	-	-	-	
-	-	-	-	Lard	1	1	3	3	4	4	-	-	-	
-	-	-	-	Lavender Oil	1	1	-	-	4	1	3	3	3	
-	-	-	-	Lead Acetate (aq)	3	4	1	2	4	3	-	-	-	
-	-	-	-	Linseed Oil	-	4	1	1	4	-	-	-	-	
-	-	-	-	Liquidified Petrolateum Gos	1	1	2	1	4	3	1	1	1	
-	-	-	-	Lubricating Oils	1	1	2	1	4	3	4	4	4	
-	-	-	-	Lye	1	1	-	-	4	3	2	1	1	
-	-	-	-	Magnesium Chloride (aq)	1	1	-	-	4	3	2	1	1	
-	-	-	-	Magnesium Hydroxide (aq)	-	4	-	-	4	1	2	1	1	
-	-	-	-	Mercury	-	3	2	3	4	2	4	4	4	
-	-	-	-	Methane	-	1	3	1	4	2	4	4	4	
-	-	-	-	Methyl Acetate	-	1	2	1	4	1	-	-	-	
-	-	-	-	Methyl Acrylate	-	1	2	1	4	1	-	-	-	
-	-	-	-	Methyl Alcohol	3	4	2	2	4	4	3	4	4	
-	-	-	-	Methyl Butyl Ketone	-	1	-	-	4	4	3	4	4	
-	-	-	-	Methyl Chloride	4	4	2	1	4	3	3	2	2	
-	-	-	-	Methylene Chloride	4	4	-	-	4	3	3	4	4	
-	-	-	-	Methyl Ethyl Ketone	3	4	3	4	4	4	2	1	1	
-	-	-	-	Methyl Isobuti Ktone	4	4	-	-	4	1	4	-	-	
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