

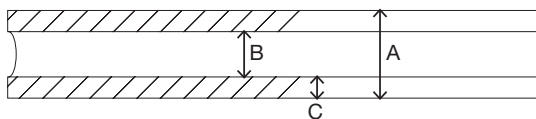
TUBING METRIC FLEXIBLE NYLON TUBE

Ordering Code

N T M	0 4 / 0 3 0	B	—	1 0 0
Model	O.D.	I.D.	Colour	Length
NTM Nylon Metric	03 : 3mm	020 : 2mm	Blank : Natural	Blank : 30 metre
	04 : 4mm	025 : 2.5mm	N : Black	100 : 100 metre
	05 : 5mm	030 : 3mm	R : Red	500 : 500 metre
	06 : 6mm	040 : 4mm	Y : Yellow	
	08 : 8mm	055 : 5.5mm	B : Blue	
	10 : 10mm	060 : 6mm	G : Green	
	12 : 12mm	070 : 7mm		
	14 : 14mm	090 : 9mm		
	15 : 15mm	100 : 10mm		
	16 : 16mm	110 : 11mm		
	18 : 18mm	120 : 12mm		
	22 : 22mm	130 : 13mm		
		140 : 14mm		
		170 : 17mm		



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 @ 23oC (bar)	Bend Radius (mm)	Weight per 100M (kg)
4	2.5	0.75	38	60	0.88
4	3	0.5	24	50	0.62
5	3	1	42	60	1.42
5	3.3	0.85	24	50	1.25
6	4	1	33	90	1.71
6	4.5	0.75	24	80	1.43
8	5.5	1.25	30	124	2.99
8	6	1	24	130	2.5
10	7	1.5	29	140	4.52
10	8	1	19	160	3.19
12	9	1.5	24	200	5.69
12	10	1	15	220	3.9
14	11	1.5	20	200	6.65
15	12	1.5	19	240	7.19
16	13	1.5	17	300	7.85
18	14	2	20	340	11.35
22	17	2.5	18	300	17.6

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
NTM04/025	4	2.5	Natural	30
NTM04/025B	4	2.5	Blue	30
NTM04/025G	4	2.5	Green	30
NTM04/025N	4	2.5	Black	30
NTM04/025R	4	2.5	Red	30
NTM04/025Y	4	2.5	Yellow	30
NTM04/030	4	3	Natural	30
NTM05/030	5	3	Natural	30
NTM05/030B	5	3	Blue	30
NTM05/030G	5	3	Green	30
NTM05/030N	5	3	Black	30
NTM05/030R	5	3	Red	30
NTM05/030Y	5	3	Yellow	30
NTM05/033	5	3.3	Natural	30
NTM06/040	6	4	Natural	30
NTM06/040B	6	4	Blue	30
NTM06/040G	6	4	Green	30
NTM06/040N	6	4	Black	30
NTM06/040R	6	4	Red	30
NTM06/040Y	6	4	Yellow	30
NTM06/045	6	4.5	Natural	30
NTM08/055	8	5.5	Natural	30
NTM08/055N	8	5.5	Black	30
NTM08/060	8	6	Natural	30
NTM08/060B	8	6	Blue	30
NTM08/060G	8	6	Green	30
NTM08/060N	8	6	Black	30
NTM08/060R	8	6	Red	30
NTM08/060Y	8	6	Yellow	30
NTM10/070	10	7	Natural	30
NTM10/070B	10	7	Blue	30
NTM10/070G	10	7	Green	30
NTM10/070N	10	7	Black	30
NTM10/070R	10	7	Red	30
NTM10/070Y	10	7	Yellow	30
NTM10/080	10	8	Natural	30
NTM10/080B	10	8	Blue	30
NTM10/080G	10	8	Green	30
NTM10/080N	10	8	Black	30
NTM10/080R	10	8	Red	30
NTM10/080Y	10	8	Yellow	30

Model	OD (mm)	ID (mm)	Colour	Length Metre
NTM12/090	12	9	Natural	30
NTM12/090B	12	9	Blue	30
NTM12/090G	12	9	Green	30
NTM12/090N	12	9	Black	30
NTM12/090R	12	9	Red	30
NTM12/090Y	12	9	Yellow	30
NTM12/100	12	10	Natural	30
NTM12/100N	12	10	Black	30
NTM12/100R	12	10	Red	30
NTM14/110	14	11	Natural	30
NTM14/110N	14	11	Black	30
NTM15/120	15	12	Natural	30
NTM16/130	16	13	Natural	30
NTM18/140	18	14	Natural	30
NTM22/170	22	17.0	Natural	30
NTM04/025-100	4	2.5	Natural	100
NTM05/030-100	5	3	Natural	100
NTM06/040-100	6	4	Natural	100
NTM06/040B-100	6	4	Blue	100
NTM06/040G-100	6	4	Green	100
NTM06/040N-100	6	4	Black	100
NTM06/040R-100	6	4	Red	100
NTM06/040Y-100	6	4	Yellow	100
NTM08/060-100	8	6	Natural	100
NTM08/060B-100	8	6	Blue	100
NTM08/060N-100	8	6	Black	100
NTM10/080-100	10	8	Natural	100
NTM10/080B-100	10	8	Blue	100
NTM10/080N-100	10	8	Black	100
NTM06/040-500	6	4	Natural	500
NTM06/040-500B	6	4	Blue	500
NTM08/060-500	8	6	Natural	500

CHEMICAL RESISTANCE CHART

N	PUR	PE	PVC		N	PUR	PE	PVC		N	PUR	PE	PVC		
-	-	-	-	Acetic Acid, Glacial	-	4	1	4	Ethylene Chloride	3	2	-	4	Picric Acid	
4	4	1	4	Acetic acid, 30%	-	4	1	4	Ethylene Glycol	4	4	-	-	Potassium Acetate (aq)	
4	4	2	4	Acetone	-	4	4	2	Ethylene Oxide	4	1	1	1	Potassium Chloride (aq)	
4	4	1	1	Acetylene	-	4	4	1	Ethylene Trichloride	4	1	1	1	Potassium Cyanide (aq)	
4	-	-	-	Akazene	-	4	4	-	Ferric Chloride (aq)	3	4	1	1	Potassium Hydroxide (aq)	
3	3	2	1	Aluminum Chloride (aq)	-	3	2	1	Ferric Nitrate (aq)	1	1	1	1	Producer Gas	
-	-	-	-	Aluminum Nitrate (aq)	-	3	-	-	Ferric Sulfate (aq)	1	3	3	1	Propane	
3	4	2	1	Ammonia Anhydrous	-	4	2	1	Fluorine (Liqued)	4	4	-	-	Propyl Alcohol	
4	4	-	-	Ammonia Gas (cold)	-	3	-	-	Formaldehyde (RT)	4	-	-	-	Propylene	
4	4	-	-	Ammonia Gas (hot)	-	4	-	-	Formic Acid	4	-	-	-	Propylene Oxidce	
1	1	1	1	Ammonium Chloride (aq)	-	1	1	1	Freon 11	4	4	-	-	Pydraul, 10E, 29 ELT	
1	1	1	1	Ammonium Sulfate (aq)	-	1	1	1	Freon 12	4	-	-	-	Pydraul 30E, 50E, 65E	
-	-	-	-	Amyl Alcohol	-	4	2	1	Freon 22	4	4	-	-	Pydraul,115E	
4	4	-	-	Amyl Naphthalene	-	4	4	-	Fuel Oil	4	-	-	-	Pydraul 230E, 312C, 540C	
1	1	-	-	Animal Fats	-	1	-	-	Futural Glucose	2	2	-	-	Rapeseed Oil	
4	2	3	3	Aqua Regia	-	4	2	3	Glue	1	1	-	-	Red Oil (MIL-H-5606)	
4	3	2	1	Arsenic Acid	-	3	2	1	Glycerin	1	1	-	-	RJ-1 (MIL-F-2338 B)	
2	2	1	1	Asphalt	-	2	1	1	Glycols	1	1	-	-	RP-1 (MIL-F-25576 C)	
2	3	-	-	ASTM Fuel A	-	2	-	-	Green Sultate Liquor	1	2	1	1	Salt Water	
3	3	1	1	ASTM Fuel B	-	3	1	1	Hexane	4	4	-	-	Sewage	
3	3	1	1	ASTM Fuel C	-	3	1	1	Hydraulic Oil	2	1	-	-	Silicate Esters	
1	1	1	1	Barium Choride (aq)	-	1	1	1	Hydrochloric Acid (cold) 37%	1	1	1	1	Silicone Oils	
2	2	1	1	Beer	-	1	2	1	Hydrochloric Acid (hot) 37%	1	1	1	1	Silver Nitrate	
4	4	1	1	Beet Sugar Liquors	-	4	1	1	Hydrofluoric Acid (Conc.)Cold	4	1	2	1	Skydrol 500	
1	3	3	3	Benzene	-	1	3	3	Hydrofluoric Acid (Conc.) Hot	-	4	-	-	Skydrol 700	
2	2	-	-	Benzine	-	2	-	-	Hydrogen Gas	1	3	3	1	Soap Solutions	
4	4	-	-	Blast Furnace Gas	-	4	-	-	Isobutyl Alcohol	1	1	1	1	Sodium Chloride (aq)	
4	4	-	-	Bleac Solutions	-	4	-	-	Isocotane	2	4	2	1	Sodium Hydroxide (aq)	
1	1	2	2	Borax	-	1	1	2	Isopropyl Acetate	4	4	1	2	Sodium Peroxide (aq)	
1	1	1	1	Boric Acid	-	1	1	1	Isopropyl Alcohl	1	1	-	-	Sodium Phosphate (aq)	
-	-	-	-	Brake Fluid	-	4	-	-	Isopropyl Ether	-	1	1	1	Sodium Sultate (aq)	
4	2	4	3	Brine	-	4	2	4	Kerosene	-	2	1	1	Soy Bean Oil	
4	2	-	-	Bromine Water	-	4	4	-	Lacquers	4	4	-	-	Steam Under 300°F	
1	1	3	3	Bunker Oil	-	1	1	3	Lacquer Solvents	4	4	-	-	Steam Over 300°F	
1	1	-	-	Butane	-	1	1	-	Lard	3	1	3	3	Stoddard Solvent	
1	1	-	-	Butter	-	1	1	-	Lavender Oil	3	-	-	4	Styrene	
3	4	1	2	Butyl Alcohol	-	3	4	1	Lead Acetate (aq)	-	4	-	-	Sucrose Solution	
4	4	1	1	Butylene	-	4	1	1	Linseed Oil	4	3	1	1	Sulfuric Acid (Dilute)	
1	1	2	1	Calcium Chloride (aq)	-	1	1	2	Liquified Petrolateum Gos	4	3	4	-	Sulfuric Acid (Conc.)	
1	1	2	1	Calcium Hydroxide (aq)	-	1	1	2	Lubricating Oils	4	3	2	1	Sulfuric Acid (20% Oleum)	
1	1	-	-	Calcium Nitrate (aq)	-	1	1	-	Lye	4	3	2	1	Sulfurous Acid	
1	1	-	-	Calcium Sulfide (aq)	-	1	1	-	Magnesium Chloride (aq)	1	2	1	-	Tannic Acid	
-	-	-	-	Cane Sugar Liquors	-	4	-	-	Magnesium Hydroxide (aq)	-	4	2	4	Tetrochloroethylene	
3	3	2	3	Carbolic Acid	-	3	2	3	Mercury	1	4	3	4	Toluene	
1	1	3	1	Carbon Dioxide	-	1	3	1	Methane	-	1	-	-	Transformer Oil	
1	1	2	1	Carbonic Acid	-	1	2	1	Methyl Acetate	-	1	-	-	Transmission Fluid Type A	
1	2	1	2	Carbon Monoxide	-	1	2	1	Methyl Acrylate	3	4	-	3	Trichloroethane	
3	4	2	2	Carbon Tetrachloride	-	3	4	2	Methyl Alcohol	3	4	3	4	Trichoroethylene	
-	-	-	-	Castor Oil	-	-	-	-	Methyl Butyl Ketone	-	1	3	-	Turbine Oil	
4	4	2	1	Chlorine (dry)	-	4	4	2	Methyl Chloride	-	1	4	3	2	Turpentine
4	4	1	1	Chlorine (wet)	-	4	4	-	Methylene Chloride	1	3	3	4	Varnish	
3	4	3	4	Chloroform	-	3	4	3	Methyl Ethyl Ketone	1	4	2	1	Vinegar	
4	4	3	4	Chlorox	-	4	4	-	Methyl Isobuti Ktone	1	4	-	-	Vinyl Chloride	
4	4	1	1	Chromic Acid	-	4	4	1	Milk	1	1	1	1	Water	
1	1	1	2	Citric Acid	-	1	1	1	Mineral Oil	1	2	3	1	Whiskey	
1	3	-	-	Coal Tar	-	1	3	-	Naphtha	-	1	-	-	White Oil	
2	2	-	-	Coconut Oil	-	2	-	-	Naphthalene	-	3	-	-	Wood Oil	
1	1	-	-	Cod Liver Oil	-	1	-	-	Natural Gas	-	4	3	4	Xylene	
4	4	-	-	Coke Oven Gas	-	4	-	-	Neatsfoot Oil	2	4	3	4	Zinc Acetate (aq)	
1	1	2	1	Copper Chloride (aq)	-	1	2	1	Nitric Acid (Conc.)	1	4	1	-	Zinc Chloride (aq)	
-	-	-	-	Copper Chloride (aq)	-	-	-	-	Nitric Acid (Dilute)	1	1	-	1		
-	-	-	-	Com Oil	-	-	-	-	Nitroethane	-	-	-	-		
-	-	-	-	Cotton Seed Oil	-	-	-	-	Nitrogen	-	-	-	-		
-	-	-	-	Creosot	-	4	4	3	4	N-Octane	-	-	-	-	
-	-	-	-	Cychlohexane	-	1	1	2	4	Oleic Acid	-	-	-	-	
-	-	-	-	Denatured Aicohol	-	-	-	-	Oleum Spirits	-	-	-	-		
-	-	-	-	Detergent Solution	-	4	1	1	Olive Oil	-	-	-	-		
-	-	-	-	Diesel Oil	-	-	-	-	Oxygen-Cold	-	-	-	-		
-	-	-	-	Dioxane	-	-	-	-	Oxygen (200-400°F)	-	-	-	-		
-	-	-	-	Dowtherm Oil	-	-	-	-	Paint Thnner, Duco	-	-	-	-		
-	-	-	-	Dry Cleaning Fluids	-	-	-	-	Perchloric Acid	-	-	-	-		
-	-	-	-	Ethane	-	-	-	-	Perchloroethylene	-	-	-	-		
-	-	-	-	Ethyl Acrylate	-	-	-	-	Petrolenm-Below 250°F	-	-	-	-		
-	-	-	-	Ethyl Alcohol	-	3	4	-	Petroleum-Above 250 F	-	-	-	-		
-	-	-	-	Ethyl Benzine	-	-	-	-	Phenol	-	-	-	-		
-	-	-	-	Ehtyl Cellulose	-	-	-	-	Phenyl Ethyl Ether	-	-	-	-		
-	-	-	-	Ethyl Chloronde	-	-	-	-	Phosphoric Acid-45%	-	-	-	-		
-	-	-	-	Ethyl Ether	-	3	-	-	Pickling Solution	-	-	-	-		

NYLON 6, 12 & POLYURETHANE ETHER BASE/PE POLYETHYLENE/PVC POLYVINYL CHLORIDE

Please Note: The above ratings are very general guidelines and designed only to be used as an initial screening tool.

Careful testing under actual conditions essential. Accuracy for these ratings is not given or implied.

Ratings: 1. Little or no impact/
2. Minor effect/ 3. Moderate effect/
4. Severe effect.