

# TUBING

## IMPERIAL FLEXIBLE NYLON TUBE

Part Code

NTI

Material

Nylon 6

Temperature Range

-40°F to +176°F (-40°C to +80°C)

Working Pressure

3 to 1 safety factor

Tube OD Tolerance

1/4" to 3/8" OD  $\pm 0.004$ "

1/2" to 3/4" OD  $\pm 0.006$ "

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



### Product Features

- 1 High tensile strength and rigidity.
- 2 Excellent chemical resistance.
- 3 Excellent abrasion resistance.
- 4 Excellent aging and hydrolysis resistance.
- 5 Low moisture absorption.
- 6 Super dimensional stability.
- 7 Silicon-free.

### Technical Data

Part no.	D1 (inch)	D2 (inch)	W (inch)	R (inch)	Working Pressure at 73°C (psi)	Burst Pressure at 73°C (psi)	Certificate
NTI18/075	1/8"	0.075	0.025	0.59	473	1420	RoHS
NTI532/096	5/32	0.096	0.030	1.57	378	1135	
NTI316/117	3/16"	0.117	0.352	0.45	500	1500	
NTI14/170	1/4"	0.170	0.040	1.15	430	1300	
NTI516/212	5/16"	0.212	0.502	1.18	425	1275	
NTI38/250	3/8"	0.250	0.063	1.25	600	1800	
NTI12/375	1/2"	0.375	0.063	1.75	400	1200	
NTI58/500	5/8"	0.500	0.063	4.90	240	720	
NTI34/594	3/4"	0.594	0.078	8.40	240	720	