

## 2840, 2841, 2844, 2846 Series

### 98 Shore "A" Ether-Based Heavy Duty Polyurethane Tubing



Ether-based polyurethane tubing available in colors for transfer of air, fluids and abrasive slurries.

#### Construction:

Series 2840, 2841, 2844, 2846 — 98 Shore "A" Durometer ether-based polyurethane tubing in transparent FDA<sup>(07)</sup> and NSF<sup>(09)</sup> blue tint, 2840 – Blue Tint, as well as three industrial grade solid colors: 2841 – Yellow, 2844 – Red, 2846 – Blue

#### Features:

- Abrasion and cut resistance.
- Good flex fatigue and resilience characteristics.
- Excellent resistance to ozone, solvents and fuel.
- Good resistance to hydrolysis and algae.
- Slight blue\* tint allows see-through convenience.
- Complies with RMA's Class A designation for high oil resistance.
- Silicone-free.

- One-piece lengths.
- Individually bagged self store assemblies are available, see page 38.
- RoHS<sup>(16)</sup> compliant.
- Phthalate Free!

#### Applications:

- Transfer of air and fluids under severe conditions.
- Feed and return lines.
- Abrasive slurry transfer.
- Granular transfer lines.
- Robotics control lines.
- Insulating sleeves.
- Lubrication lines.
- Metering pumps.

**Note:** Not recommended for transfer of brake fluids.

**Service Temperature Range:** -40°F (-40°C) to +175°F (+80°C)

### Nominal Specifications

Series No.				Size Code	Nominal ID		Nominal OD		Max. Working Pressure† (PSI)		Standard Lengths		Approx. Wt. per Pkg.	
2840 B' Tint	2841 Yellow	2844 Red	2846 Blue		(In)	(mm)	(In)	(mm)	@ 70°F (20°C)	@ 122°F (50°C)	Spool/Box	Coil/Box	300 ft.	100 ft.
✓	✓	✓	✓	04	1/4	6.5	.375	9.5	125	75	300 ft.	100 ft.	9.5 lbs.	3.1 lbs.
✓	✓	✓	✓	06	3/8	9.5	.570	14.5	125	75	300 ft.	100 ft.	21.7 lbs.	7.2 lbs.

† **Note:** Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

\* **Note:** The blue tint Series 2840 material conforms to the same FDA regulations as Series 2600.

**Note:** When exceptional oil and fuel resistance is needed, we suggest use of Series 2810 ester-based tubing which is RoHS<sup>(15)</sup> compliant — call for details.

**NOTE:** For details of the following compliances mentioned above, refer to footnotes listed on page 63.

**FDA<sup>(07)</sup>, NSF<sup>(09)</sup>, PHthalate Free<sup>(15)</sup>, RoHS<sup>(16)</sup>**

Please refer to the back page for the location of your nearest warehouse for availability of products/sizes shown.