



2840 Series

Heavy Duty Food Grade Polyurethane Tubing

GENERAL APPLICATIONS

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

CONSTRUCTION

Transparent phthalate free ether-based Polyurethane (Hardness: 95 ±3 Shore “A”)

COMPLIANCE INFORMATION

In compliance with applicable FDA⁽⁰³⁾ requirements and RoHS⁽¹⁴⁾ criteria

SERVICE TEMPERATURE RANGE

-40°F (-40°C) to +175°F (+80°C)

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SCAN OR VISIT
KOA.link/2840



FEATURES AND ADVANTAGES

- **High Oil Resistance** – Meets ARPM Class A rating for high oil resistance. Remains flexible when exposed to oils. Won’t dry out or crack like other PVC tubing.
- **Highly Abrasion Resistant** – Designed for applications where severe abrasion is a factor. Provides for longer tubing life and lower operating costs versus rubber or PVC tubing.
- **Moderate Chemical Resistance** – Good resistance to oils greases and lubricants.
- **Transparent** – Allows for visual confirmation of material flow.
- **Glass-Smooth Interior** – Ensures smooth flow of material and reduces material buildup.
- **Cold Flex Materials** – Remains flexible and easy to handle in sub-zero temperatures.
- **High Cycle Strength** – Designed to resist damage from constant flex applications.

Note: Not recommended for transfer of brake fluids.

Series Number	Size Code		ID		OD		Wall Thickness		Max. Working Pressure† (psi)		Standard Length (ft)		Weight per Pkg. (lbs)		
	US	Metric	(in)	(mm)	(in)	(mm)	(in)	(mm)	at 70°F (20°C)	at 122°F (50°C)	Spool/box	Coil/box	300 ft	500 ft	100ft
2840	04	–	0.375	9.5	1/4	6.5	0.063	1.5	125	75	300	100	9.5	–	3.1
2840	06	–	0.570	14.5	3/8	9.5	0.098	2.5	125	75	300	100	21.7	–	7.2
2840	–	MM04	0.094	2.4	0.157	4.0	0.031	0.8	200	–	500	100	–	3.5	0.7
2840	–	MM06	0.157	4.0	0.236	6.0	0.039	1.0	180	–	500	100	–	6.5	1.3
2840	–	MM08	0.197	5.0	0.315	8.0	0.059	1.5	175	–	500	100	–	13.0	2.6
2840	–	MM10	0.256	6.5	0.394	10.0	0.069	1.8	150	–	500	100	–	19.5	3.9
2840	–	MM12	0.315	8.0	0.472	12.0	0.079	2.0	150	–	500	100	–	26.5	5.3

NOTES:

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

COMPLIANCES (for details see page 91)

FDA (07), **Phthalate Free** (13), **RoHS** (14), **UL** (15)

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.