

OMEGAFLEX®

FKM FLEXIBLE TUBING

60, 75 AND 90A SHORE DUROMETER

TYVT Series
Starts at
\$336
100' Spool



By Individual
Model No.†

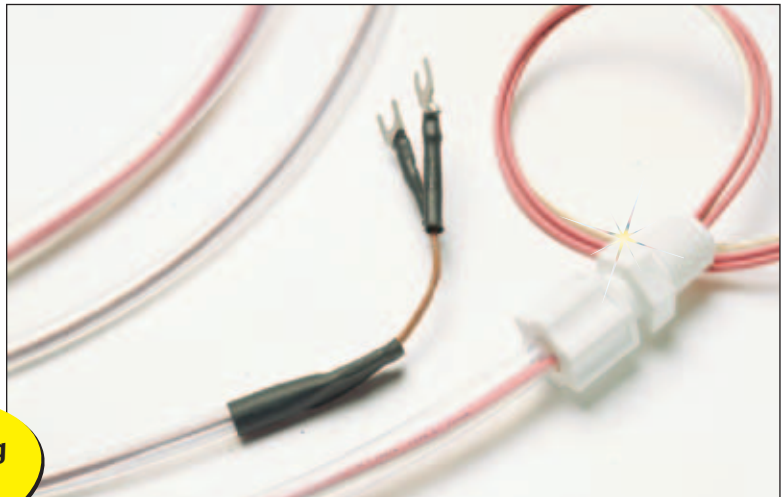


FKM tubing offers a superb chemical resistance to a broad range of materials with the flexibility of rubber. Under static operating conditions, FKM has been tested at up to 260°C (500°F) for up to 1000 hours, and at up to 204°C (400°F) for up to one year. At these high operating temperatures, fluid pressure must be kept at a bare minimum—field testing must be performed to determine the maximum pressure rating of FKM tubing in your application.

In addition, it must be noted that the pulsating flows or peristaltic pump applications can cause a dramatic decrease in the operating temperature/pressure of the tubing, as well as dramatic decrease in the tubing's useable lifespan. Again, field testing is required to determine these parameters per the end user's application parameters.

† Visit omega.com/rohs to determine specific RoHS compliance.

Specialty Tubing Available!



Specifications*			
Hardness, Shore A	60A	75A	90A
Specific Gravity	1.86	1.81	1.80
Tensile Strength, PSI	1450	1600	1600
Elongation at Break, %	350	150	120
Brittle Temperature	-40°C (-40°F)	-34°C (-30°F)	-34°C (-30°F)
Max. Operating Temp.	204°C (400°F)	204°C (400°F)	204°C (400°F)

* Values listed are typical and are meant only as a guide. Field testing is recommended to find actual values for the given application.

Note: The 60A durometer compound is specially formulated for use in peristaltic pumps. Color is black.

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)							
½ to 1" OD F Flexible Tubing, 60 Shore A Durometer							
Model No.	Price	OD Nom. (in)	ID (in)	Wall (in)	ID (±) (in)	Wall Tol (±) (in)	Std Length (ft)
TYVT6-532132-250	\$900	½	¼	⅛	0.008	0.008	250
TYVT6-18116-250	520	⅛	⅛	⅛	0.01	0.005	250
TYVT6-316116-100	575	⅜	⅛	⅛	0.01	0.008	100
TYVT6-14116-100	528	¼	⅛	⅜	0.01	0.008	100
TYVT6-516116-100	695	⅜	⅛	¼	0.01	0.01	100
TYVT6-38116-100	877	⅝	⅛	⅜	0.01	0.012	100
TYVT6-31618-100	570	⅜	⅛	⅛	0.01	0.008	100
TYVT6-1418-100	565	¼	⅛	⅛	0.01	0.008	100
TYVT6-51618-100	\$676	⅜	⅛	⅜	0.01	0.008	100
TYVT6-3818-100	1144	⅝	⅛	⅛	0.01	0.01	100
TYVT6-14316-100	336	¼	⅜	⅛	0.015	0.008	100
TYVT6-516316-100	552	⅜	⅜	⅛	0.015	0.008	100
TYVT6-38316-100	857	⅝	⅜	⅜	0.015	0.008	100
TYVT6-716316-100	1388	⅞	⅜	⅛	0.015	0.01	100
TYVT6-12316-100	2032	½	⅜	⅜	0.015	0.012	100
TYVT6-916316-100	3067	⅞	⅜	⅜	0.015	0.012	100
TYVT6-58316-100	3285	⅝	⅜	⅜	0.015	0.012	100
TYVT6-51614-100	575	⅜	¼	⅛	0.017	0.005	100
TYVT6-3814-100	684	⅝	¼	⅛	0.017	0.008	100
TYVT6-1214-100	1800	½	¼	⅛	0.017	0.01	100
TYVT6-91614-100	2504	⅞	¼	⅜	0.017	0.012	100
TYVT6-5814-100	3220	⅝	¼	⅜	0.017	0.012	100
TYVT6-71638-100	747	⅞	⅝	⅛	0.018	0.008	100
TYVT6-1238-100	1072	½	⅝	⅛	0.018	0.008	100
TYVT6-91638-100	1572	⅞	⅝	⅜	0.018	0.01	100
TYVT6-5838-100	2204	⅝	⅝	⅛	0.018	0.012	100
TYVT6-3438-100	3388	⅝	⅝	⅜	0.018	0.012	100
TYVT6-7838-100	5078	⅞	⅝	¼	0.018	0.012	100
TYVT6-34716-100	2858	⅝	⅞	⅜	0.018	0.012	100
TYVT6-5812-100	1344	⅝	½	⅛	0.02	0.008	100
TYVT6-111612-100	1988	1 1/16	½	⅜	0.02	0.01	100
TYVT6-3412-100	2748	⅜	½	⅛	0.02	0.012	100
TYVT6-7812-100	5024	⅞	½	⅜	0.02	0.012	100
TYVT6-112-100	7342	1	½	¼	0.02	0.014	100
TYVT6-151658-100	2975	1 5/16	⅝	⅜	0.022	0.01	100
TYVT6-7858-100	3764	⅞	⅝	⅛	0.022	0.012	100
TYVT6-158-100	5736	1	⅝	⅜	0.022	0.012	100
TYVT6-134-100	4192	1	⅜	⅛	0.022	0.012	100
TYVT6-178-100	2336	1	⅞	⅛	0.025	0.01	100
½ to ⅝" OD Tubing, 75 Shore A Durometer							
TYVT7-532132-250	\$800	½	¼	⅛	0.008	0.008	250
TYVT7-18116-250	350	⅛	⅛	⅛	0.01	0.005	250
TYVT7-316116-100	455	⅜	⅛	⅛	0.01	0.008	100
TYVT7-14116-100	472	¼	⅛	⅜	0.01	0.008	100
TYVT7-516116-100	573	⅜	⅛	¼	0.01	0.01	100
TYVT7-38116-100	940	⅝	⅛	⅜	0.01	0.012	100
TYVT7-31618-100	455	⅜	⅛	⅛	0.01	0.008	100
TYVT7-1418-100	455	¼	⅛	⅛	0.01	0.008	100
TYVT7-51618-100	604	⅜	⅛	⅜	0.01	0.008	100
TYVT7-3818-100	1020	⅝	⅛	⅛	0.01	0.01	100
TYVT7-14316-100	455	¼	⅜	⅛	0.015	0.008	100
TYVT7-516316-100	492	⅜	⅜	⅛	0.015	0.008	100
TYVT7-38316-100	813	⅝	⅜	⅜	0.015	0.008	100
TYVT7-716316-100	1240	⅞	⅜	⅛	0.015	0.01	100
TYVT7-12316-100	1816	½	⅜	⅜	0.015	0.012	100
TYVT7-916316-100	2695	⅞	⅜	⅜	0.015	0.012	100
TYVT7-58316-100	2995	⅝	⅜	⅜	0.015	0.012	100
TYVT7-51614-100	455	⅜	¼	⅛	0.017	0.005	100
TYVT7-3814-100	612	⅝	¼	⅛	0.017	0.008	100
TYVT7-71614-100	1056	⅞	¼	⅜	0.017	0.008	100
TYVT7-1214-100	1608	½	¼	⅛	0.017	0.01	100
TYVT7-91614-100	2236	⅞	¼	⅜	0.017	0.012	100
TYVT7-5814-100	2878	⅝	¼	⅜	0.017	0.012	100
TYVT7-71638-100	655	⅞	⅝	⅛	0.018	0.008	100
TYVT7-1238-100	520	½	⅝	⅛	0.018	0.008	100
TYVT7-91638-100	1404	⅞	⅝	⅜	0.018	0.01	100
TYVT7-5838-100	1968	⅝	⅝	⅛	0.018	0.012	100

Ordering Example: TYVT6-18116-250, 250' of tubing, ⅛" OD, ⅛" ID, ⅛" wall, 60A Shore durometer, \$520.

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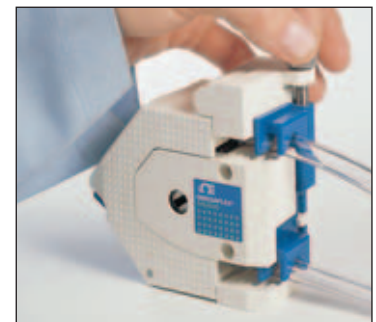
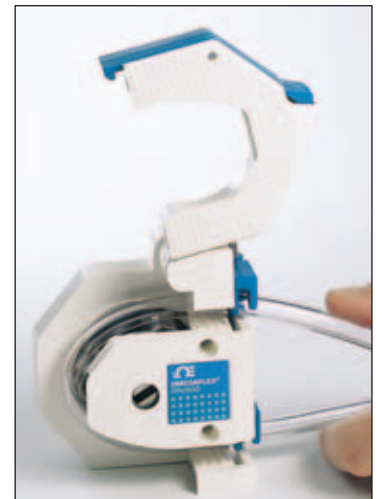


OMEGAFLEX® FKM FLEXIBLE TUBING

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)							
3/4 to 1" OD TUBING, 75 Shore A Durometer							
Model No.	Price	OD Nom (in)	ID (in)	Wall (in)	ID (±) (in)	Wall Tol (±) (in)	Std. Length (ft)
TYVT7-3438-100	\$3025	3/4	3/8	3/16	0.018	0.012	100
TYVT7-7838-100	4487	7/8	3/8	1/4	0.018	0.012	100
TYVT7-34716-100	2525	3/4	7/16	5/32	0.018	0.012	100
TYVT7-5812-100	950	5/8	1/2	1/16	0.02	08	100
TYVT7-111612-100	1776	1 1/16	1/2	3/32	0.02	0.01	100
TYVT7-3412-100	2452	3/4	1/2	1/8	0.02	0.012	100
TYVT7-7812-100	4484	7/8	1/2	3/16	0.02	0.012	100
TYVT7-112-100	6553	1	1/2	1/4	0.02	0.014	100
TYVT7-151658-100	2762	1 5/16	5/8	3/32	0.022	0.01	100
TYVT7-7858-100	1950	7/8	5/8	1/8	0.022	0.012	100
TYVT7-158-100	5052	1	5/8	3/16	0.022	0.012	100
TYVT7-134-100	2275	1	3/4	1/8	0.022	0.012	100
TYVT7-178-100	2084	1	7/8	1/16	0.025	0.01	100
5/32 to 1" OD TUBING, 90 Shore A Durometer							
TYVT9-532132-250	\$770	5/32	1/32	1/16	08	08	250
TYVT9-18116-250	440	1/8	1/16	1/32	0.01	05	250
TYVT9-316116-100	260	3/16	1/16	1/16	0.01	08	100
TYVT9-14116-100	452	1/4	1/16	3/32	0.01	08	100
TYVT9-516116-100	735	5/16	1/16	1/4	0.01	0.01	100
TYVT9-38116-100	995	3/8	1/16	5/32	0.01	0.012	100
TYVT9-31618-100	595	3/16	1/8	1/32	0.01	08	100
TYVT9-1418-100	368	1/4	1/8	1/16	0.01	08	100
TYVT9-51618-100	690	5/16	1/8	3/32	0.01	08	100
TYVT9-3818-100	980	3/8	1/8	1/8	0.01	0.01	100
TYVT9-14316-100	288	1/4	3/16	1/32	0.015	08	100
TYVT9-516316-100	595	5/16	3/16	1/16	0.015	08	100
TYVT9-38316-100	925	3/8	3/16	3/32	0.015	08	100
TYVT9-716316-100	1192	7/16	3/16	1/8	0.015	0.01	100
TYVT9-12316-100	1744	1/2	3/16	5/32	0.015	0.012	100
TYVT9-916316-100	2632	9/16	3/16	3/16	0.015	0.012	100
TYVT9-58316-100	2425	5/8	3/16	7/32	0.015	0.012	100
TYVT9-51614-100	595	5/16	1/4	1/32	0.017	05	100
TYVT9-3814-100	640	3/8	1/4	1/16	0.017	08	100
TYVT9-71614-100	1012	7/16	1/4	3/32	0.017	08	100
TYVT9-1214-100	1544	1/2	1/4	1/8	0.017	0.01	100
TYVT9-91614-100	2148	9/16	1/4	5/32	0.017	0.012	100
TYVT9-5814-100	2762	5/8	1/4	3/16	0.017	0.012	100
TYVT9-71638-100	635	7/16	3/8	1/32	0.018	08	100
TYVT9-1238-100	916	1/2	3/8	1/16	0.018	08	100
TYVT9-91638-100	1348	9/16	3/8	3/32	0.018	0.01	100
TYVT9-5838-100	1995	5/8	3/8	1/8	0.018	0.012	100
TYVT9-3438-100	2985	3/4	3/8	3/16	0.018	0.012	100
TYVT9-7838-100	4550	7/8	3/8	1/4	0.018	0.012	100
TYVT9-34716-100	2448	3/4	7/16	5/32	0.018	0.012	100
TYVT9-5812-100	1152	5/8	1/2	1/16	0.02	08	100
TYVT9-111612-100	1704	1 1/16	1/2	3/32	0.02	0.01	100
TYVT9-3412-100	2352	3/4	1/2	1/8	0.02	0.012	100
TYVT9-7812-100	4304	7/8	1/2	3/16	0.02	0.012	100
TYVT9-112-100	6434	1	1/2	1/4	0.02	0.014	100
TYVT9-151658-100	2600	1 5/16	5/8	3/32	0.022	0.01	100
TYVT9-7858-100	3140	7/8	5/8	1/8	0.022	0.012	100
TYVT9-158-100	4848	1	5/8	3/16	0.022	0.012	100
TYVT9-134-100	3592	1	3/4	1/8	0.022	0.012	100

Quick tubing changes are a snap with the OMEGAFLEX® FPU500 peristaltic pump, \$125, shown below. Visit omega.com for additional information.



Ordering Example: TYVT9-7858-100, 100' of tubing, 7/8" OD, 5/8" ID, 1/8" wall, 90A Shore durometer, \$3140.

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