

Nexsyn EPDM TPV Tubing



Description Nexsyn TPV Tubing is extruded to close tolerances using specially designed thermoplastic vulcanizates that perform like EPDM rubber. This highly durable tubing is resistant to flex fatigue, ozone, UV, water, and Nexsyn has excellent resistance to a wide range of chemicals including acids and alkalis. The mechanical and recovery properties are comparable to most vulcanized elastomers and superior to most thermoplastic elastomers. Nexsyn Tubing is 25–35% lighter than PVC and rubber tubing in the same dimensions.

Tube Material
Temp. Range
Applications

Opaque EPDM TPV

SILICONE
FREE

-75 to 180F / -60 to 82C*

Peristaltic pump tubing, food and beverage transfer (Nexsyn F65), drain lines, light vacuum, potable water (Nexsyn F65), handle grips.

Class 709 Nexsyn G55 – General Purpose Black

Part Number	I.D.	O.D.	Wall	Max. WP PSI at 68F / 20C*	Color	Standard Package	Package Lbs	Weight Kgs	Stocked **
709-03068102	3/16	3/8	.094	40	black	100 ft/box	3.5	1.6	no
709-04078102	1/4	7/16	.094	40	black	100 ft/box	4.3	2.0	yes
709-06098102	3/8	9/16	.094	35	black	100 ft/box	5.6	2.5	no
709-08128102	1/2	3/4	.125	35	black	100 ft/box	10.4	4.7	no
709-10148102	5/8	7/8	.125	30	black	100 ft/box	12.5	5.7	no
709-12168100	3/4	1	.125	30	black	100 ft/coil	14.6	6.6	no
709-14188100	7/8	1 1/8	.125	30	black	100 ft/coil	17.0	7.7	yes
709-16208100	1	1 1/4	.125	25	black	100 ft/coil	18.7	8.5	yes

Class 714 Nexsyn F65 – FDA, NSF 61 Compliant Natural Compound ***

Part Number	I.D.	O.D.	Wall	Max. WP PSI at 68F / 20C*	Color	Standard Package	Package Lbs	Weight Kgs	Stocked **
714-03060102	3/16	3/8	.094	40	Natural	100 ft/box	3.5	1.6	no
714-04070102	1/4	7/16	.094	40	Natural	100 ft/box	4.3	2.0	yes
714-06090102	3/8	9/16	.094	35	Natural	100 ft/box	5.6	2.5	yes
714-08120102	1/2	3/4	.125	35	Natural	100 ft/box	10.4	4.7	yes
714-10140102	5/8	7/8	.125	30	Natural	100 ft/box	12.5	5.7	no
714-12160100	3/4	1	.125	30	Natural	100 ft/coil	14.6	6.6	yes
714-16200100	1	1 1/4	.125	25	Natural	100 ft/coil	18.7	8.5	yes

Ratings

Class 714 Nexsyn F65 only

- Complies to provisions of US FDA 21 CFR 177.1210 and 177.2600
- Compound used is NSF SI certified to maximum temperature 212F / 100C*
- Compound compliant to EU Directive 2003/11/EC
- RoHS Compliant – EU Directive 2002/95/EC

Notes

* Working pressures shown are at 68F / 20C. Higher temperatures reduce the available working pressure. See temperature/pressure chart.

** Minimum quantity guideline applies for non-stock items. Other sizes, colors and lengths are available on request. Contact Nexgen Hose.

*** The TPV compound used in this tubing is NSF 61 listed. All ingredients in the TPV compound are listed in the U.S. FDA CFR, Title 21.

Due to our process of continuous improvement, specifications are subject to change without notification.