

RF-TPR

Thermoplastic Rubber Tubing

RF-TPR – Natural FDA 64A Durometer

ID (IN.)	OD (IN.)	STANDARD LENGTH (FT.)	LBS. PER 100 FT.	PART NO.
1/8	1/4	50	1.55	RF250246
3/16	5/16	50	2.06	RF250414
1/4	3/8	50	1.15	RF250582
1/4	1/2	50	6.19	RF250638
5/16	7/16	50	3.09	RF250694
3/8	1/2	50	3.61	RF250862
3/8	5/8	50	8.26	RF250974
1/2	5/8	50	4.65	RF251198
1/2	3/4	50	10.32	RF251310
5/8	7/8	50	12.39	RF251646
3/4	1	50	14.45	RF251926

RF-TPR – Natural FDA 80A Durometer

ID (IN.)	OD (IN.)	STANDARD LENGTH (FT.)	LBS. PER 100 FT.	PART NO.
1/8	1/4	50	1.55	RF256014
3/16	5/16	50	2.06	RF256182
1/4	3/8	50	1.15	RF256350
1/4	1/2	50	6.19	RF256406
5/16	7/16	50	3.09	RF256462
3/8	1/2	50	3.61	RF256630
3/8	5/8	50	8.26	RF256742
1/2	5/8	50	4.65	RF256966
1/2	3/4	50	10.32	RF257078
5/8	7/8	50	12.39	RF257414
3/4	1	50	14.45	RF257638

RF-TPR – Black Industrial 64A Durometer

ID (IN.)	OD (IN.)	STANDARD LENGTH (FT.)	LBS. PER 100 FT.	PART NO.
1/8	1/4	50	1.55	RF250228
3/16	5/16	50	2.06	RF250396
1/4	3/8	50	1.15	RF250564
1/4	1/2	50	6.19	RF250620
5/16	7/16	50	3.09	RF250676
3/8	1/2	50	3.61	RF250844
3/8	5/8	50	8.26	RF250956
1/2	5/8	50	4.65	RF251150
1/2	3/4	50	10.32	RF251292
5/8	7/8	50	12.39	RF251628
3/4	1	50	14.45	RF251852

Physical Properties*

* Values listed are typical and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.

^ Minimum Recommended Operating Temperature for TPR is -60°F and the Maximum Recommended Operating Temperature is 275°F

Hardness, Shore A @ 77°F, ±5
Tensile Strength @ 77°F, psi
Elongation at Break, %
Tear Strength @ 77°F, %
Compression Set % @
77°F after 22 hrs.
212°F after 22 hrs.
Brittle Temperature, °F^

Natural FDA 64A	Natural FDA 80A	Black Ind. 64A
64	80	64
1000	1600	1000
400	450	400
10	20	10
22	27	22
34	39	34
<-76	-81	<-76

- Made of **first-quality, polypropylene-based, thermoplastic rubber (RF-TPR)**
- **Outstanding compression characteristics and toughness for peristaltic pump uses**
- **Flexible to temperatures approaching -80°F**
- **Available in both FDA & industrial grades**
- Natural 80A material is listed by the National Sanitation Foundation (NSF-51)*

Thermoplastic rubber combines the processability of plastics with the flexibility and durability of rubbers, while more light weight and formable.

RF-TPR offers **excellent resistance to flex fatigue and tearing**, making it an **ideal choice for peristaltic pump applications**. The FDA material is suitable for a variety of clean uses and is autoclavable to ensure cleanliness.

RF-TPR is now offered in two grades to meet specific applications. FDA grade may be selected from two available durometers — **64A or 80 A** — to meet specific user requirements.

Black industrial-grade 64A RF-TPR offers good resistance to U.V., ozone, chemicals, and other fluids. It is well suited for outdoor use, and handles applications where oil may splash onto the tubing.

*Other durometers with and NSF listing are available as a custom item (please call for details).



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