



FULFLEX®
ELASTOMERICS WORLDWIDE



FR FLEX - Flame Resistant Elastic Thread

Elastic threads specially designed to provide compression performance while exceeding all flame resistance requirements for commercial, industrial, and military applications, including ASTM D-6413-08 vertical flame test.

TECHNICAL INFORMATION

Elastic Threads: For weaving, braiding, covering, and knitting of narrow and circular fabrics.

Material: Synthetic polychloroprene, flame resistant thread.

Dimensions: Choice of thickness/width combinations and end counts.

Thickness Range: 0.012" to .048"
 (0.30 mm to 1.22 mm)

Standard Widths: .019", .023", .027", .033", .038", .054", .057

End Count Configuration: 6 to 90 depending on width, or single end spools (2" core)

Color: White and black, other colors available

TYPICAL PHYSICAL PROPERTIES

Modulus @300% 450 psi

Tensile 2500 psi minimum

Elongation At Break: >600%

FR Test Data:

Specification	Fulflex FR	NFPA 70E	CA OSHA	CGSB	Mil Spec GL-PD-07-12
After Flame (seconds)	1.00	< 2.00	< 2.00	<2.00	< 2.00
After Glow (inches)	0.00	<25.00	<25.00	<25.00	< 25.00
Char Length (inches)	0.10	< 6.00	< 6.00	=< 4.00	< 4.50
Melting	None	None	None	None	None
Dripping	None	None	None	None	None



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Sizes and Yield:

Approximate Cut Size	Cross Section (inches)	Approximate Round Size	Ends Per Ribbon	Approximate Yield (yds/lb)
18	.048 X .057	16	4-30	199
20	.046 X .054	18	4-40	219
22	.038 X .054	20	4-40	265
24	.032 X .054	22	4-40	314
28	.034 X .038	24	4-50	421
30	.029 X .038	26	4-80	493
34	.022 X .038	30	4-80	650
36	.026 X .027	32	4-80	774
38	.024 X .027	34	4-80	839
42	.021 X .027	38	4-80	958
48	.017 X .027	44	4-80	1184
50	.015 X .027	46	4-80	1342
52	.015 X .023	47	4-80	1575
53	.013 X .027	48	4-80	1548
56	.017 X .019	50	6-90	1682
58	.015 X .019	52	6-90	1907
64	.013 X .019	58	6-90	2200
66	.012 X .019	60	6-90	2383

For further information please contact your Fulflex Representative at
1-800-283-2500

Visit our website at www.fulflex.com