

QES-125



HIGH ABRASION AND CUT THROUGH RESISTANCE
EASY TO INSTALL WITH HIGH EXPANDABILITY
LIGHT WEIGHT CONSTRUCTION

Features/Applications

Manufactured using polyester monofilament provides mechanical protection to wires, cables, harnesses, etc. Has the ability to expand to two or three times its original inside diameter. Resistant to chemicals, jet fuel, diesel fuel, gasoline, and lubricating oil. QES-125-FR offers a higher degree of flame retardation. Suitable for use in military, industrial aeronautical, electronic and manufacturing applications.

- Operating temperature: -70°C to +125°C
- Approvals:  File No. E509078, QES-125 and QES-125-HD only
- Standard colors: Black, Black with two contrasting tracer strands (QES-125-FR only)
- RoHS Compliant



QES-125 (Average strand diameter 0.010")			
Size	Min - Max Expansion	Weight	Standard Packaging
	(in)	(lb/100ft)	Standard Spool *(SS) (Feet)
1/16	3/64 - 5/32	0.12	1000
1/8	1/16 - 3/16	0.18	1000
1/4	1/8 - 3/8	0.27	1000
3/8	3/16 - 1/2	0.57	500
1/2	1/4 - 3/4	0.74	500
5/8	3/8 - 1 1/4	0.99	250
3/4	1/2 - 1 1/4	1.25	250
1	3/4 - 1 5/8	1.59	250
1 1/4	3/4 - 1 5/8	1.59	250
1 1/2	1 - 2 1/8	1.96	250
1 3/4	1 1/4 - 2 1/4	2.63	200
2	1 3/4 - 3 1/2	3.43	100
2 1/2	1 7/8 - 3 3/4	3.75	100
3	2 1/2 - 4	3.79	100

QES-125-HD (Average strand diameter 0.015")			
Size	Min - Max Expansion	Weight	Standard Packaging
	(in)	(lb/100ft)	Standard Spool *(SS) (Feet)
3/8	3/16 - 1/2	0.83	500
5/8	5/16 - 7/8	1.14	500
1	1/2 - 1 1/4	1.74	250
1 1/2	1 - 2 1/2	2.57	250
2	1 1/2 - 3	3.48	100
3	2 - 4	4.35	50

Notes:

- * See Part Number Guide for standard packaging codes.
- Cross Reference Guide available.
- Special sizes, packaging, colors and cut pieces are available upon request

QES-125-FR (Average strand diameter 0.010")			
Size	Min - Max Expansion	Weight	Standard Packaging
	(in)	(lb/100ft)	Standard Spool *(SS) (Feet)
1/8	1/16 - 3/16	0.18	1000
1/4	1/8 - 3/8	0.27	1000
3/8	3/16 - 1/2	0.57	500
1/2	1/4 - 3/4	0.74	500
3/4	1/2 - 1 1/4	1.25	250
1	3/4 - 1 5/8	1.59	250
1 1/4	3/4 - 1 5/8	1.59	250
1 1/2	1 - 2 1/8	1.96	250
1 3/4	1 1/4 - 2 1/4	2.63	200
2	1 3/4 - 3 1/2	3.43	100
2 1/2	1 7/8 - 3 3/4	3.75	100

Mouser Electronics

Authorized Distributor

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[QES-125-1 1/2-01-SS250FT](#) [QES-125-1/2-01-SS500FT](#) [QES-125-1/4-01-SS1000FT](#) [QES-125-1/8-01-SS1000FT](#)
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