

## Q2-F2X(YG), Q2-F3X(YG)

YELLOW & GREEN STRIPED, FLEXIBLE,  
FLAME RETARDANT, POLYOLEFIN TUBING  
SHRINK RATIO 2:1 & 3:1



### Features/Applications

Dual color yellow and green striped polyolefin tubing primarily used to identify "ground" wires. It is flexible and flame retardant with permanent color properties, making it easy to install and identify. Used for light duty harnessing and ground wire identification.

- Operating temperature: -55°C to +135°C
- Minimum shrink temperature: 70°C
- Full recovery temperature: 100°C
- Approvals: File No. E236137, File No. 242540, 125°C, VW-1, 600V
- Meets: SAE-AMS-DTL-23053/5 Class 1 & 3, Sony-SS-00259
- Standard color: Yellow & green striped
- RoHS Compliant

Technical Data		
Property	Test Method	Typical Data
Operating Temperature	IEC 216	-55°C to +135°C
Tensile Strength	ASTM D 2671	>14 MPa
Ultimate Elongation	ASTM D 2671	> 600%
Longitudinal Shrinkage	UL 224	0 ± 5%
Eccentricity	ASTM D 2671	< 35%
Heat Aging Tensile Strength Ultimate Elongation	175°C, 168 hrs.	> 11 MPa > 350 %
Flammability	VW-1	Pass
Dielectric Strength	ASTM D 150	> 20kV / mm
Voltage Withstand	ASTM D 2671 / AC2500V. 1 min.	No Breakdown
Volume Resistance	ASTM D 2671	>10 <sup>14</sup> Ω.cm
Copper Stability	UL 224	Pass
Copper Corrosion	UL 224	No Corrosion

Product Dimensions (2:1) Q2-F2X(YG)				
Size (Inch)	As Supplied (mm)	After Recovered (mm)		Standard Spool *(SS) (Meter)
	Inside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min.)	
3/64	1.2	0.6	.33	200
1/16	1.6	0.8	.36	200
3/32	2.4	1.2	.44	200
1/8	3.2	1.6	.44	200
3/16	4.8	2.4	.56	100
1/4	6.4	3.2	.56	100
5/16	8.0	4.0	.56	100
3/8	9.5	4.8	.56	100
1/2	12.7	6.4	.65	50
5/8	16.0	8.0	.69	50
3/4	19.1	9.5	.80	50
1	25.4	12.7	.90	50
1 1/4	31.8	15.9	.90	50
2 1/2	38.1	19.1	1.02	50
2	50.8	25.4	1.02	50
3	76.2	38.1	1.20	30
4	101.6	50.8	1.30	30

Product Dimensions (3:1) Q2-F3X(YG)					
Size (Inch)	As Supplied (mm)		After Recovered (mm)		Standard Spool *(SS) (Meter)
	Inside Diameter	Wall Thickness (min.)	Inside Diameter (max.)	Wall Thickness (min.)	
1/16	1.6/0.5	0.51	1.6	0.5	200
3/32	2.4/0.8	0.51	2.4	0.8	200
1/8	3.2/1.0	0.55	3.2	1.0	200
3/16	4.8/1.5	0.60	4.8	1.5	100
1/4	6.4/2.0	0.65	6.4	2.0	100
3/8	9.5/3.0	0.75	9.5	3.0	100
1/2	12.7/4.0	0.75	12.7	4.0	50
3/4	19.1/6.0	0.85	19.1	6.0	50
1	25.4/8.0	1.00	25.4	8.0	50
1 1/2	39/13.0	1.15	39.0	13.0	50

- Notes:
1. \* See page 13 - Part Number Guide for standard packaging codes.
  2. Cross Reference Guide located on page 3.
  3. Special sizes, packaging, colors and cut pieces are available upon request.