

UL AWM STYLE 2587
CSA AWM II A/B FT1
RoHS Compliant
600 VOLT

XTRA•GUARD® Flexible Cables

HIGH-FLEX CONTROL CABLE

CONTINUOUS FLEXING, OIL RESISTANT, MULTICONDUCTOR, SHIELDED

CHOOSE XTRA•GUARD HIGH-FLEX CONTROL CABLES FOR:

- Extra Flexibility and Durability for Continuous Motion
- Extended Cycle Life 13.8 Million (Test Report Available)
- Outstanding Oil and Chemical Resistance
- Jacket Meets VDE 0472, Section 803 Oil Test
- UL Recognized and CSA Certified, CE Marked

XTRA•GUARD HIGH-FLEX CONTROL CABLE APPLICATIONS:

- Applications Requiring Continuous Flexing
- Robotics
- Installation in Cable Track
- Assembly Lines
- Automation Equipment
- Material Handling Equipment

CHARACTERISTICS

OPERATING TEMPERATURE:

- -5°C to 90°C (Flexing)
- -40°C to 90°C (Stationary)

VOLTAGE RATING:

- 600 Volt

COLOR DESCRIPTION:

- Color Code: Numerically Numbered (Alternate and Inverted) Red Conductors with One Green/Yellow Conductor on Outside Layer
- Jacket Color: Black

PRODUCT DESCRIPTION:

- Conductor: Super Finely Stranded Bare Copper
- Insulation: Lubricated PVC
- Fillers: Non-Wicking, Solid PVC Rod
- Wrap: Non-Wicking Fabric
- Inner Jacket: PVC
- Shield: Tinned Copper Braid (85% Coverage)
- Outer Jacket: Oil Resistant PVC

SPECIFICATIONS

- Bend Radius: 10X Cable Diameter
- UL AWM Style 2587
- CSA AWM II A/B FT1
- Jacket Meets VDE 0472, Section 803 Oil Test
- Passes MIL-C-13777G Flexlife Test
- CE LVD-CD 73/23/EEC Modified by CD 93/68/EEC
- RoHS Compliant



Underwriters Laboratories Inc.



Canadian Standards Association



RoHS Compliant

AVAILABILITY

- In Stock: Bulk, Cut to Length

FIT® TUBING RECOMMENDATION

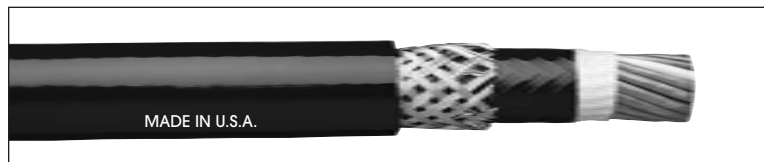
FIT® FLEX – Highly Flexible, Irradiated Silicone Rubber
 (See Page 134 for Product Specifications)

FIT®-650 – Chemical and Temperature Resistant Irradiated Viton®
 (See Page 132 for Product Specifications)

Viton® is a registered trademark of DuPont Dow Elastomers

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20 AWG (0,5mm²), 65/38 (65/0,1mm), Insulation Thickness: 0.022" (0,56mm)

Alpha Part No.	No. of Cond.	Jacket Thickness Inches	mm	Nominal Diameter Inches	mm
85003CY	3	0.035	0,89	0.353	9,0
85004CY	4	0.035	0,89	0.374	9,5
85005CY	5	0.040	1,00	0.416	10,6
85007CY	7	0.040	1,00	0.471	12,0
85010CY	10	0.040	1,00	0.551	14,0
85012CY	12	0.050	1,30	0.567	14,4
85018CY	18	0.060	1,50	0.658	16,7
85025CY	25	0.070	1,80	0.791	20,1

18 AWG (1,0mm²), 105/38 (105/0,1mm), Insulation Thickness: 0.022" (0,56mm)

Alpha Part No.	No. of Cond.	Jacket Thickness Inches	mm	Nominal Diameter Inches	mm
85803CY	3	0.035	0,89	0.373	9,5
85804CY	4	0.040	1,00	0.407	10,3
85805CY	5	0.040	1,00	0.444	11,3
85807CY	7	0.050	1,30	0.520	13,2
85812CY	12	0.060	1,50	0.625	15,9
85818CY	18	0.060	1,50	0.708	18,0
85825CY	25	0.080	2,00	0.867	22,0

16 AWG (1,5mm²), 168/38 (168/0,1mm), Insulation Thickness: 0.022" (0,56mm)

Alpha Part No.	No. of Cond.	Jacket Thickness Inches	mm	Nominal Diameter Inches	mm
85603CY	3	0.035	0,89	0.422	10,7
85604CY	4	0.040	1,00	0.461	11,7
85605CY	5	0.040	1,00	0.500	12,7
85607CY	7	0.060	1,50	0.599	15,2
85612CY	12	0.060	1,50	0.702	17,8
85618CY	18	0.060	1,50	0.797	20,2
85625CY	25	0.065	1,70	0.962	24,4

14 AWG (2,5mm²), 266/38 (266/0,10mm), Insulation Thickness: 0.022" (0,56mm)

Alpha Part No.	No. of Cond.	Jacket Thickness Inches	mm	Nominal Diameter Inches	mm
85404CY	4	0.050	1,30	0.538	13,7
85407CY	7	0.065	1,70	0.676	17,2

12 AWG (4,0mm²), 413/38 (413/0,1mm), Insulation Thickness: 0.022" (0,56mm)

Alpha Part No.	No. of Cond.	Jacket Thickness Inches	mm	Nominal Diameter Inches	mm
85204CY	4	0.075	1,9	0.646	16,4
85207CY	7	0.100	2,5	0.814	20,7

10 AWG (6,0mm²), 658/38 (658/0,10mm), Insulation Thickness: 0.022" (0,56mm)

Alpha Part No.	No. of Cond.	Jacket Thickness Inches	mm	Nominal Diameter Inches	mm
85104CY	4	0.070	1,80	0.706	17,9
85107CY	7	0.100	2,50	0.934	23,7