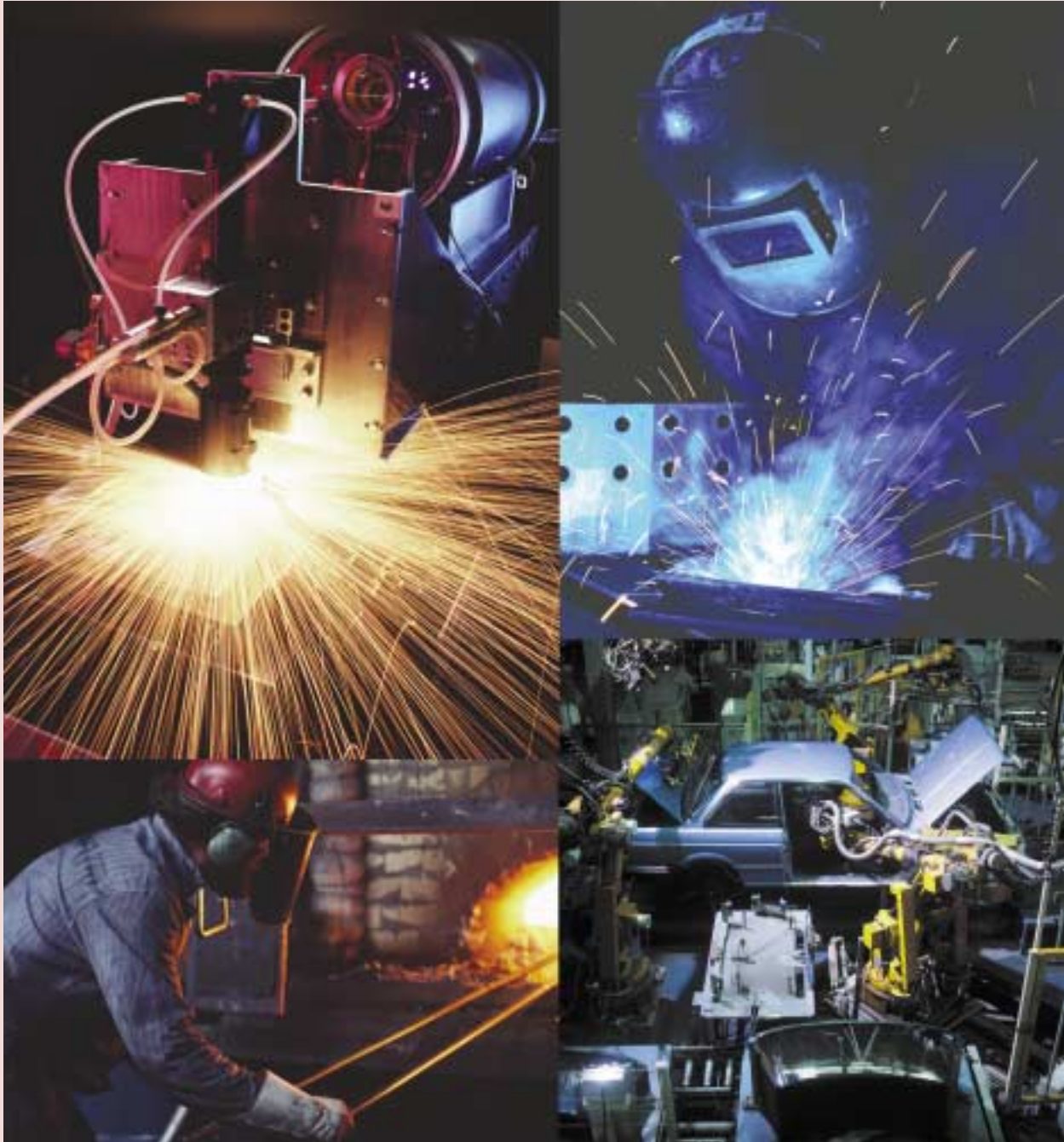


NORTH FLEX[®] **ANIXTER**[®]



Extra Heavy Duty Extra Flexible Welding Cable

1-877-ANIXTER

EXTRA HEAVY DUTY EXTRA FLEXIBLE WELDING

Features and Benefits

Conductors

Features: Extra-flexible rope stranding (Class M) soft-drawn tinned copper, per ASTM B33, ASTM B172

Benefits: High flexibility and increased flex-life reduces copper fatigue and conductor breakage

Separator

Feature: Polyester

Benefit: Easy stripping

Insulation/Jacket

Features: Yellow oil and flame resistant thermoset CPE composite insulation/jacket per ICEA

Benefits: Excellent physical and electrical properties, good visibility for safety. Suitable for use indoors and outdoors in flexing applications where oil, chemicals and extreme temperatures are considerations

Ratings

Northflex Extra Heavy Duty Extra Flexible Welding Cables are rated for D.C. welding use as well as continuous operation at 600 volts with 90°C conductor temperatures. UL Listed, 600V CSA and MSHA certified

Tensile Strength

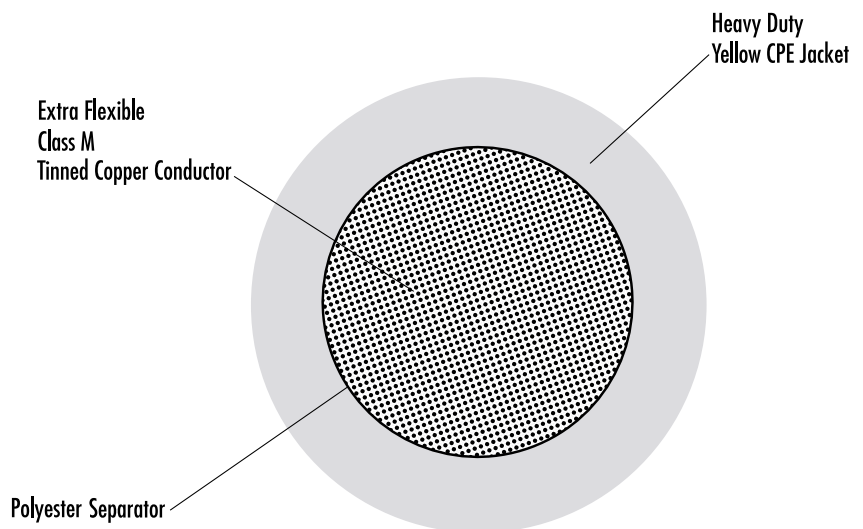
Jacket compound is 1400 PSI rated

Construction Options

Consult Anixter for NorthFlex Extra Heavy Duty Extra Flexible Welding Cable with black insulation/jacket

APPLICATIONS

Welding Cable is designed and manufactured for use in welding and other flexing applications where flame, abrasion, chemicals moisture, impact, tearing resistance and temperature extremes are considerations. Applications include welding electrode leads, welding stingers, welding ground leads, battery cable, bus welding boxes, jumper cables, ground cables, lift trucks and other portable power applications where flexibility is required.



MSHA



EXTRA HEAVY DUTY EXTRA FLEXIBLE WELDING CABLE TECHNICAL DATA

<i>Anixter Part No.</i>	<i>AWG Size</i>	<i>No. of Cond.</i>	<i>Cond. Strand*</i>	<i>Cond Diam</i>	<i>INS Wall</i>	<i>Cable O.D.</i>	<i>AMPS**</i>	<i>Cable Wt (lbs/kft)</i>	<i>Copper Wt (lbs/kft)</i>
5JNF-0601F-05	6	1	660/34	.210"	.080"	0.375"	105	125	81.2
5JNF-0401F-05	4	1	1045/34	.250"	.080"	0.415"	140	180	129.2
5JNF-0201F-05	2	1	1650/34	.310"	.080"	0.475"	190	260	197.0
5JNF-0101F-05	1	1	2090/34	.330"	.080"	0.525"	220	330	252.0
5JNF-1011F-05	1/0	1	2640/34	.415"	.090"	0.575"	260	400	314.3
5JNF-2021F-05	2/0	1	3300/34	.440"	.090"	0.630"	300	495	396.3
5JNF-3031F-05	3/0	1	4180/34	.510"	.100"	0.700"	350	615	497.6
5JNF-4041F-05	4/0	1	5225/34	.550"	.125"	0.800"	405	795	630.6

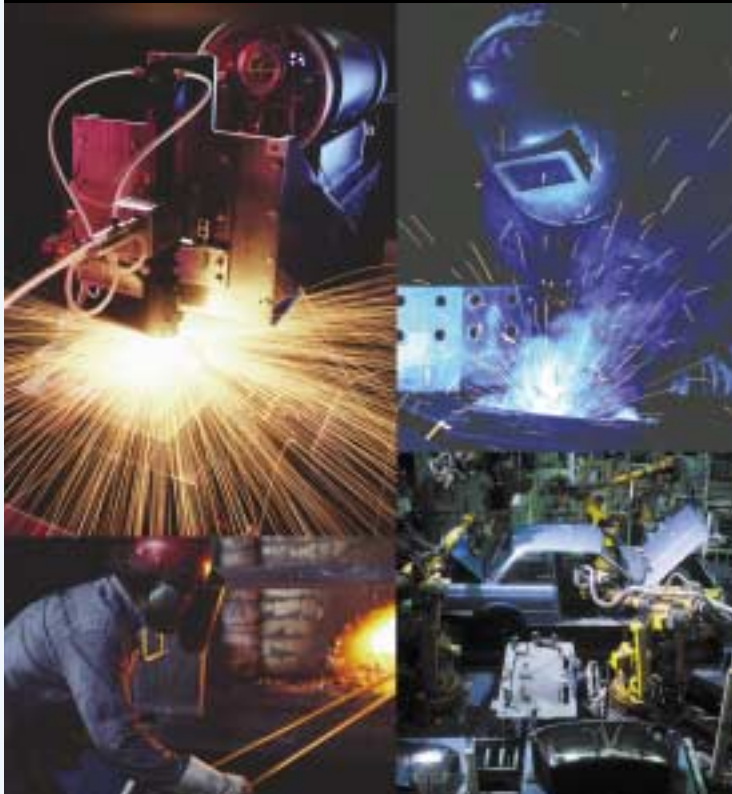
*No. of wires/AWG

**When used for continuous duty @ 30°C ambient, 90°C conductor temperature.

Note: May not be suitable for all installations per the National Electrical Code

NORTH FLEX[®] **ANIXTER**[®]

Back to the Table of Contents



All materials are licensed by Anixter.
©2003 Anixter Inc. All rights reserved.