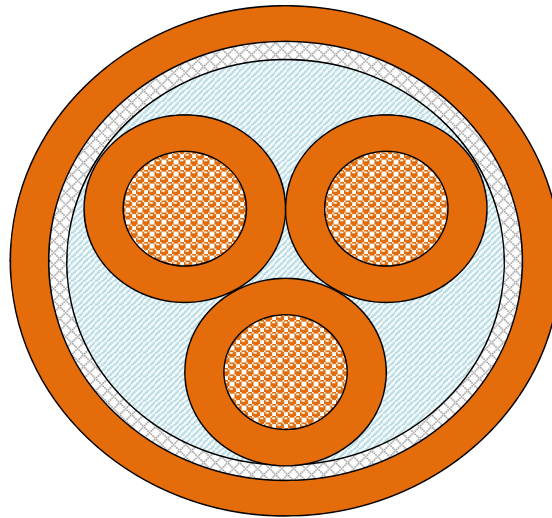


REV	DESCRIPTION	DATE
0	Initial release	3/16/2020
1	added barrier tape	6/3/2020




Color Code Print
 Cond 1 Orange ONE
 Cond 2 Orange TWO
 Cond 3 Orange THREE
 Jacket Orange

Item	Component	Description	Thickness				Dimensions				
			inch		mm		inch		mm		
			Nom	Min	Nom	Min	Nom	Tol	Nom	Tol	
1.	Conductor:	10mm2 80/.40mm bare copper						0.157	0.004	3.99	0.10
2.	Insulation:	EXRAD EF-2	0.0327	0.020	0.83	0.51	<D>	0.222	0.012	5.65	0.30
3.	Filler	Fibrillated Flame Retardant Polypropylene. 6 X 120						0.090		2.29	NA
4.	Cable:	Cable 3 X 10mm2 Leads and Fillers						0.483		12.26	NA
5.	Barrier	Polyester 25% min overlap	0.0010		0.03	NA		0.485		12.32	NA
6.	Shield:	34 AWG TC Braid 85% min coverage	0.0063		0.16	NA		0.513		13.03	NA
7.	Shield:	Aluminum Polyester 25% min overlap foil in	0.0015		0.04	NA		0.517		13.12	NA
8.	Jacket:	EXRAD EF-2	0.0646	0.040	1.64	1.02	<D>	0.646	0.019	16.40	0.48

Print EXTRAD EF 3 X 10mm2 1000 VAC SHIELDED 18097 XXXXX

Conductor Resistance: 1.82 mohms / m max.
 Primary Insulation ISO 19642 -5 Class D Thin Wall
 Spark Test Voltage 8000 Volts
 Voltage Rating 1000 Volts AC 1500VDC
 Jacket insulation Meets requirements of ISO 19642-9 Class D
 Jacket UV Resistance Passes UL 720 Hours Exposure to Xenon Light
 Maximum oil Resistance 60C
 Jacket Sparktest 3000 volts
 Temperature Rating -40 - 150C

Weight 367 lbs./1000 Feet
 min Static Bend Radius inches mm
 3.2 82

	TITLE		3 X 10mm2 EXTRAD ERGO-Flex Shielded Cable	
	DRN.	Richard Antic	DATE	10/14/2019
Special Characteristics <S> Safety <D> Dimensional	CKD.	Martha Veselka	DATE	3/13/2020
DO NOT SCALE THIS DRAWING	SIZE A	PART NUMBER 15-08608	18097	
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