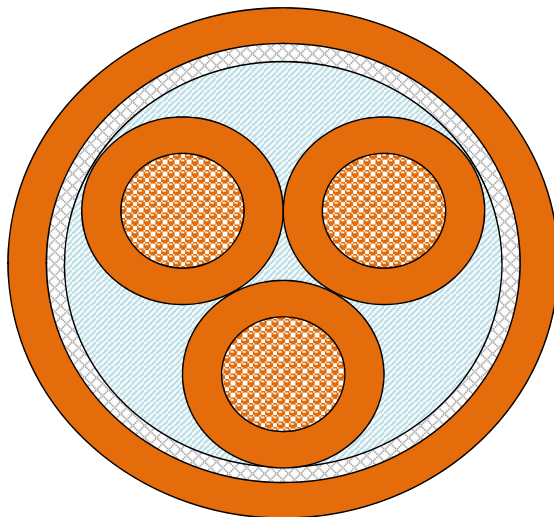


REV.	DESCRIPTION	DATE
0	Initial release	3/16/2020
1	added polyester barrier	6/3/2020



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:	4mm2 37/.38mm bare copper										
2.	Insulation:	EXRAD 150 EF	0.0193	0.016	0.49	0.41	<D>	0.103	0.003	2.62	0.08	
3.	Filler	Fibrillated Flame Retardant Polypropylene. 12 X 055						0.142	0.004	3.60	0.10	
4.	Cable:	Cable 3 X 4mm2 Leads and Fillers						0.090		2.29	NA	
5.	Barrier	Polyester 25% min overlap						0.307		7.80	NA	
6.	Shield:	36 AWG TC Braid 85% min coverage	0.0010		0.03	NA		0.310		7.87	NA	
7.	Barrier	Aluminum Polyester 25% min overlap foil in	0.0050		0.13	NA		0.332		8.43	NA	
8.	Jacket:	EXRAD EF-2	0.0015		0.04	NA		0.336		8.52	NA	
	Print	EXRAD EF 3 X 4.0mm2 1000 VAC 18095 SHIELDED XXXXX	0.0458	0.028	1.16	0.71	<D>	0.427	0.014	10.85	0.35	

Conductor Resistance: 4.71 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 151 lbs./1000 Feet
 min Static Bend Radius inches mm
 2.1 54

	TITLE	
	<h2>3 X 4mm2 EXRAD FX/ERGO-Flex Shielded Cable</h2>	

Special Characteristics <S> Safety <D> Dimensional	DRN. Richard Antic	DATE 10/14/2019
	CKD. Martha Veselka	DATE 3/13/2020

DO NOT SCALE THIS DRAWING	SIZE A	PART NUMBER 15-08604	18095
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