



**KILLARK**

**SUPPLEMENTAL DATA SHEET  
 Sealing Fittings for Use in Hazardous  
 (Classified) Locations**

**SUPPLEMENTAL DATA SHEET**

Table 102.1

**RECOMMENDED MAXIMUM NUMBER OF WIRES  
 THAT CAN BE PROPERLY SEALED IN A SEALING FITTING IN THE FIELD**

The maximum number of wires<sup>a,b</sup> that can be sealed in a sealing fitting are as follows:

Size AWG or kcmil	1/2 Inch 16 Metric Designator		3/4 Inch 21 Metric Designator		1 Inch 27 Metric Designator		1-1/4 Inch 35 Metric Designator		1-1/2 Inch 41 Metric Designator		2 Inch 53 Metric Designator		2-1/2 Inch 63 Metric Designator		3 Inch 78 Metric Designator		3-1/2 Inch 91 Metric Designator		4 Inch 103 Metric Designator		5 Inch 129 Metric Designator		6 Inch 155 Metric Designator		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
	18	7	11	12	20	12	20	20	33	35	58	49	80	80	131	115									
16	6	9	10	16	17	27	17	27	30	47	41	64	68	106	98										
14	3	8	6	15	10	24	10	24	18	43	25	58	41	96	58	90		121							
12	3	6	5	11	8	18	8	18	15	32	21	43	34	71	50	102	76	103							
10	1	4	4	7	7	11	13	20	13	20	20	27	29	45	41	65	64	100	86	134	110				
8	1	2	2	4	4	6	7	11	9	16	9	16	16	26	22	37	35	58	47	78	60	100	94		
6	1	1	1	2	2	4	4	7	6	9	10	16	15	23	15	23	23	35	32	47	41	61	64	96	
4	1	1	1	1	1	2	3	4	5	6	8	9	12	14	18	21	18	21	24	29	31	37	49	59	
3			1	1	1	2	3	3	4	5	7	8	10	12	16	18	16	18	21	24	28	31	44	50	
2			1	1	1	1	3	3	3	4	6	7	9	10	14	15	14	15	19	20	24	26	38	42	
1			1	1	1	1	1	2	3	3	4	5	7	7	10	11	10	11	14	15	18	20	29	31	
0					1	1	1	2	2	2	4	4	6	6	9	9	12	13	12	13	16	16	25	26	
2/0					1	1	1	1	1	2	3	3	5	5	8	8	11	11	14	14	14	14	22	22	
3/0					1	1	1	1	1	1	3	3	4	4	7	7	9	9	12	12	12	12	19	19	
4/0							1	1	1	1	2	2	3	3	6	6	8	8	10	10	10	10	16	16	
250							1	1	1	1	1	2	3	3	5	5	6	6	8	8	11	11	15	15	
300							1	1	1	1	1	1	3	3	4	4	5	5	7	7	10	10	15	15	
350							1	1	1	1	1	1	1	2	3	3	5	5	6	6	10	10	14	14	
400									1	1	1	1	1	2	3	3	4	4	6	6	9	9	13	13	
500									1	1	1	1	1	1	3	3	4	4	5	5	8	8	11	11	
600											1	1	1	1	1	2	3	3	4	4	6	6	9	9	
700											1	1	1	1	1	2	3	3	3	3	6	6	8	8	
750											1	1	1	1	1	1	3	3	3	3	5	5	8	8	
800											1	1	1	1	1	1	2	2	3	3	5	5	7	7	
900											1	1	1	1	1	1	1	2	3	3	4	4	7	7	
1000											1	1	1	1	1	1	1	1	3	3	4	4	6	6	
1250													1	1	1	1	1	1	1	2	3	3	5	5	
1500															1	1	1	1	1	1	3	3	4	4	
1750															1	1	1	1	1	1	2	2	4	4	
2000															1	1	1	1	1	1	1	1	3	3	

<sup>a</sup> Col. A = Types RFH-2, RH, RHH, RHW, THW, TW, XHHW (AWG 14 – 6), FEPB (AWG 6 – 2)  
 Col. B = FEP, THHN, THWN, TFN, PF, PGF, XHHW (AWG 4 – 2000 kcmil), FEPB (AWG 14 – 8)  
<sup>b</sup> Any combination of these wires not exceeding 25 percent of a cross section of the conduit for the fitting they fill may be used.

