Carlon[®]

Carlon[®] Wiring Trough and Accessories

No wires to pull, no hard-towork-with metal components.

Carlon® Wire Safe® Wireway and Wiring Trough

Carlon® leads the way with the world's broadest line of non-metallic wiring management products designed for easier installation, greater performance and lower installed cost. That includes our Carlon® Wire Safe® wireway, wiring trough and fittings. It's the perfect solution for containing electrical, electronic and communication wire and cable. That's because it's easy to install, provides durable protection and eliminates the need to pull conductors, too. Just compare it point for point against the competition and you'll see why it's the bestalternative for you.



Easy to Cut and Assemble.

Wireway and trough can be cut easily and cleanly with either a hacksaw or fine-tooth saw to make field fabrication a snap. And it's equally easy to couple components with either Carlon® primer and PVC cement or non-metallic push rivets.

Rugged Yet Lightweight.

UV-stabilized, high-impact resistant PVC provides a strong, durable, non-corrosive, non-conductive housing for wire and cable. At the same time, components are so light and easy to handle that installation can be done by one person.

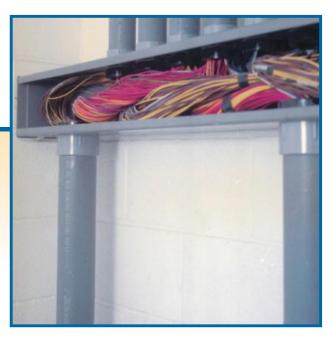


Application Flexibility.

Wireway and trough are suitable for a wide range of applications, from the most demanding commercial and industrial uses, including food service companies and chemical plants, to communication and computer facilities. Both wireway and trough can be used on walls, ceilings or across supports.

A Complete Non-Metallic System.

Both wireway and trough are available in 2" x 2", 3" x 3", 4" x 4" and 6" x 6" dimensions. Wireway comes cut in easy-to-use 10' lengths for larger jobs, and for tighter spaces, we offer specific lengths of wiring trough to fit distances of 1' to 10'. Both can be used with our non-metallic enclosures, conduit and fittings to create a total non-metallic wire and cable management system far superior to metal counterparts.



No Wires to Pull.

Once your wireway or trough is installed, just lay your wire and cable in, pop the cover on and you're done. It's as easy as that, and that's a lot easier than pulling wire or cable.

Easy to Rewire.

Clip-on cover design enables easy access for adding or removing wire and cable after initial installation.



Improved NEMA 12 Wireway End Caps.

Our new wireway end caps are now made with pre-installed adhesive-backed gaskets. This new design makes them easier to use and also qualifies them for a NEMA 12 rating.



Carlon

Carlon° Wiring Trough and Accessories

Wire Safe® Wireway

CAT. NO.	OUTSIDE NOMINAL DIMENSIONS (IN.)	LENGTH (FT.)	STD. CTN.	STD. WT. (LBS.) PER 10'
17011	2 x 2	10	1	4.7
17013	3 x 3	10	1	11.2
17015	4 x 4	10	1	11.2
17017	6 x 6	10	1	21.4

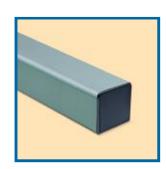
Note: Endcaps are not supplied with this series.

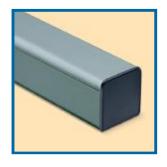


Wire Safe® Wiring Trough

12" Trough 18111 18113 18115 18117 24" Trough 18211 18213 18215 18217 36" Trough 18311 18313 18315 18317 48" Trough 18411 18413 18415 18417 60" Trough 18511 18513 18515 18517 72" Trough	2 x 2 3 x 3 4 x 4 6 x 6 2 x 2 3 x 3 4 x 4 6 x 6 2 x 2 3 x 3	1 1 1 1 1 1 1	.6 1.0 1.4 3.1 1.1 1.8 2.6 5.3
18113 18115 18117 24" Trough 18211 18213 18215 18217 36" Trough 18311 18313 18315 18317 48" Trough 18411 18413 18415 18417 60" Trough 18511 18513 18515 18517 72" Trough	3 x 3 4 x 4 6 x 6 2 x 2 3 x 3 4 x 4 6 x 6 2 x 2 3 x 3	1 1 1 1 1 1	1.0 1.4 3.1 1.1 1.8 2.6 5.3
18115 18117 24" Trough 18211 18213 18215 18217 36" Trough 18311 18313 18315 18317 48" Trough 18411 18413 18415 18417 60" Trough 18511 18513 18515 18517 72" Trough	4 x 4 6 x 6 2 x 2 3 x 3 4 x 4 6 x 6 2 x 2 3 x 3	1 1 1 1 1 1	1.4 3.1 1.1 1.8 2.6 5.3
18117 24" Trough 18211 18213 18215 18217 36" Trough 18311 18313 18315 18317 48" Trough 18411 18413 18415 18417 60" Trough 18511 18513 18515 18517 72" Trough	6 x 6 2 x 2 3 x 3 4 x 4 6 x 6 2 x 2 3 x 3	1 1 1 1 1	3.1 1.1 1.8 2.6 5.3
24" Trough 18211 18213 18215 18217 36" Trough 18311 18313 18315 18317 48" Trough 18411 18413 18415 18417 60" Trough 18511 18513 18515 18517 72" Trough	2 x 2 3 x 3 4 x 4 6 x 6 2 x 2 3 x 3	1 1 1 1	1.1 1.8 2.6 5.3
18211 18213 18215 18217 36" Trough 18311 18315 18317 48" Trough 18411 18413 18415 18417 60" Trough 18511 18513 18515 18517 72" Trough	2 x 2 3 x 3 4 x 4 6 x 6 2 x 2 3 x 3	1 1 1	1.8 2.6 5.3
18213 18215 18217 36" Trough 18311 18313 18315 18317 48" Trough 18411 18413 18415 18417 60" Trough 18511 18513 18515 18517 72" Trough	3 x 3 4 x 4 6 x 6 2 x 2 3 x 3	1 1 1	1.8 2.6 5.3
18215 18217 36" Trough 18311 18313 18315 18317 48" Trough 18411 18413 18415 18417 60" Trough 18511 18513 18515 18517 72" Trough	4 x 4 6 x 6 2 x 2 3 x 3	1 1	2.6 5.3
18217 36" Trough 18311 18313 18315 18317 48" Trough 18411 18413 18415 18417 60" Trough 18511 18513 18515 18517 72" Trough	6 x 6 2 x 2 3 x 3	1	5.3
36" Trough 18311 18313 18315 18317 48" Trough 18411 18413 18415 18417 60" Trough 18511 18513 18515 18517 72" Trough	2 x 2 3 x 3	1	
18311 18313 18315 18317 48" Trough 18411 18413 18415 18417 60" Trough 18511 18513 18515 18517 72" Trough	3 x 3		
18313 18315 18317 48" Trough 18411 18413 18415 18417 60" Trough 18511 18513 18515 18517 72" Trough	3 x 3		
18315 18317 48" Trough 18411 18413 18415 18417 60" Trough 18511 18513 18515 18517 72" Trough		4	1.5
18317 48" Trough 18411 18415 18417 60" Trough 18511 18513 18515 18517 72" Trough	1 v 1	1	2.6
48" Trough 18411 18413 18415 18417 60" Trough 18511 18513 18515 18517 72" Trough	4 x 4	1	3.7
18411 18413 18415 18417 <i>60" Trough</i> 18511 18513 18515 18517 <i>72" Trough</i>	6 x 6	1	7.4
18413 18415 18417 <i>60" Trough</i> 18511 18513 18515 18517 <i>72" Trough</i>			
18415 18417 60" Trough 18511 18513 18515 18517 72" Trough	2 x 2	1	2.0
18417 60" Trough 18511 18513 18515 18517 72" Trough	3 x 3	1	3.3
60" Trough 18511 18513 18515 18517 72" Trough	4 x 4	1	4.8
18511 18513 18515 18517 72" Trough	6 x 6	1	9.6
18513 18515 18517 72" Trough			
18515 18517 <i>72" Trough</i>	2 x 2	1	2.5
18517 <i>72" Trough</i>	3 x 3	1	4.1
72" Trough	4 x 4	1	5.9
	6 x 6	1	11.7
10011			
18611	2 x 2	1	2.9
18613	3 x 3	1	4.9
18615	4 x 4	1	7.1
18617	6 x 6	1	13.8
120" Trou gh			
18011	2 x 2	1	4.8
18013	3 x 3	1	8.1
18015	4 x 4	1	11.6
18017	4 X 4	1	22.4

All wiring trough is made to order and is supplied with a pair of end caps.









United States

Tel: 901.252.8000 800.816.7809 Fax: 901.252.1354 **Technical Services** Tel: 888.862.3289



Carlon®

Except where

Carlon[®] Wiring Trough and Accessories

Wire Safe® Fittings

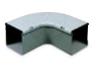
Flat Cross (Clip-On Cover)

			_
CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
EGFCJ *	2 x 2	1	.5
EGFCL *	3 x 3	1	1.3
EGFCN †	4 x 4	1	1.7
EGFCR†	6 x 6	1	4.8



90° Bend Flat Cover (Clip-On Cover)

	SIZE	STD.	STD. WT.
CAT. NO.	(IN.)	CTN.	(LBS.)
EGLFJ *	2 x 2	1	.3
EGLFL *	3 x 3	1	.6
EGLFN †	4 x 4	1	1.1
EGLFR †	6 x 6	1	3.3



90° Bend External Cover (Clip-On Cover)

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
EGLEJ *	2 x 2	1	.3
EGLEL †	3 x 3	1	.8
EGLEN †	4 x 4	1	1.2
EGLER †	6 x 6	1	3.3



Flange

	SIZE	STD.	STD. WT.
CAT. NO.	(IN.)	CTN.	(LBS.)
EGFJ►	2 x 2	10	1.1
EGFL ►	3 x 3	10	1.4
EGFN ►	4 x 4	10	2.2
EGFR ►	6 x 6	10	3.0



End Cap (UL NEMA 12 Rated)

	SIZE	STD.	STD. WT.
CAT. NO.	(IN.)	CTN.	(LBS.)
EGSEJ *	2 x 2	10 Pair	.6
EGSEL *	3 x 3	10 Pair	.9
EGSEN *	4 x 4	10 Pair	1.6
EGSER **	6 x 6	10 Pair	5.0



External Coupling

	SIZE	STD.	STD. WT.
CAT. NO.	(IN.)	CTN.	(LBS.)
EGCEJ	2 x 2	10	1.3
EGCEL	3 x 3	10	2.2
EGCEN	4 x 4	10	2.5
EGCER	6 x 6	10	7.8



† Fabricated fitting — order couplings separately

noted by ▶ E151021

90° Bend Internal Cover (Clip-On Cover)

	SIZE	STD.	STD. WT.
CAT. NO.	(IN.)	CTN.	(LBS.)
EGLIJ *	2 x 2	1	.3
EGLIL †	3 x 3	1	.7
EGLIN †	4 x 4	1	1.1
EGLIR †	6 x 6	1	3.0



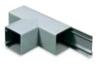
Tee Flat Cover (Clip-On Cover)

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
EGTFJ *	2 x 2	1	.4
EGTFL *	3 x 3	1	.9
EGTFN †	4 x 4	1	1.4
EGTFR †	6 x 6	1	3.8



Tee External Cover (Clip-On Cover)

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
EGTEJ †	2 x 2	1	.4
EGTEL †	3 x 3	1	.9
EGTEN †	4 x 4	1	1.4
EGTER †	6 x 6	1	3.8



Internal Coupling

		_	
CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
EGCIJ ►	2 x 2	10	1.3
EGCIL ►	3 x 3	10	2.2
EGCIN ►	4 x 4	10	2.5
_	6 x 6	N/A	N/A



Push Rivets

CAT. NO.	SIZE	STD.	STD. WT.
	(IN.)	CTN.	(LBS.)
EGPR ►	N/A	200	.4



Hangers

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
EGSBJ ►	2 x 2	10	.9
EGSBL ►	3 x 3	10	1.3
EGSBN ►	4 x 4	10	1.9
EGSBR ►	6 x 6	10	2.8



* Molded fitting — couplings not needed

*** No coupling is required for 6" fabricated end cap



Carlon[®]

Wiring Trough Technical Information

Installation Instructions

Description.

Carlon® Wire Safe® Wireway and Wiring Trough is manufactured from extruded PVC. The standard color is gray. The wireway consists of a base channel that is formed to receive a clip-on cover. Wiring troughs include a pair of ready-to-install end caps.

Cover Installation and Removal.

The cover can be installed by exerting hand pressure along its front face in such a manner as to engage and clip projections on the side walls of the base channel. The cover can be removed by inserting a tool (i.e., a screwdriver shaft) into one end of the wireway enclosure and exerting pressure against the underside of the cover, which is then "peeled off" from the base.

Wireway Fittings.

Fittings enable the wireway to be positioned around corners and enable tees and crosses to be created without detracting from the protective characteristics. Interconnecting pieces can be assembled using couplings and rivets or cement as necessary.

Molded fittings do not require couplings because they fit on the exterior of the wireway. However, primer and solvent cement are needed. See cementing instructions on the following page.

Fabricated fittings do require internal or external couplings, and these must be ordered separately. To install fittings, a ½2"-diameter hole should be drilled in the wireway to match the external coupling hole. A push rivet should be used to connect the two pieces. To connect an internal coupling to the inside of a fitting, use Carlon® Quick-Set Clear Cement.

Applications.

These systems are designed for use in commercial and industrial areas. They may be used for the containment of electrical wiring/cables for power and lighting circuits and also communication and computer facilities. They are suitable for mounting on the surface of walls or ceilings or suspended across suitably positioned supports. Ambient temperatures should not exceed 122° F.

Installation.

- 1. Mark the surface upon which the wireway is to be mounted.
- 2. Measure the run and identify position of fittings.
- Remove cover from wireway, starting at one end, with a peeling action (use of a screwdriver or similar lever is recommended).
- 4. Drill mounting holes through base at 36" centers maximum. To evenly distribute the load, drill two rows of mounting holes adjacent to each wall of the wireway.
- The holes in the wireway should be drilled oversize to enable expansion. Mount washers under the head of the mounting device. Do not fully tighten the mounting head.
- 6. Mount the wireway using screws or bolts.
- Affix the wireway cover by aligning it to the wireway base. Starting at one end, press the cover into its engaged position.
- 8. Overlap the cover to the base joint to improve rigidity of the joint.

Engineering Specifications -

Code Approvals.

Carlon® Wire Safe® Wireway and Wiring Trough is recognized by the current National Electrical Code®, Article 378, for non-metallic wireways. It is UL Listed for electrical wiring up to 600 volts. UL File Numbers: UL E151021.

Specification for Carlon® Wire Safe Wireway and Wiring Trough.

- The wireway and wiring troughs shall be Carlon® Wire Safe Wireway and Wiring Trough.
- The Carlon® Wire Safe Wireway and Wiring Trough shall provide protection for electrical, low-voltage, data and communication wiring or cables.
- The Carlon® Wire Safe Wireway and Wiring Trough shall be listed and installed per the NEC® Article 378 for non-metallic wireways.
- The Carlon® Wire Safe Wireway and Wiring Trough shall be manufactured from gray precision-extruded Polyvinyl Chloride (PVC) meeting UL 94 V-O requirements and shall be suitable for field painting.
- The Carlon® Wire Safe Wireway and Wiring Trough shall include base, cover, fittings, etc.
- The Carlon® Wire Safe Wireway and Wiring Trough shall provide all fittings required to form a complete, integrated surface raceway system. End caps shall be gasketed and shall have a NEMA Type 12 rating.

 The Carlon® Wire Safe Wireway and Wiring Trough shall provide raceway with the following cross sectional areas:

1. 2 x 2 — 3.165 in.² (20.4 cm²) **3.**

3. 4 x 4 — 13.694 in.² (88 cm²)

2. 3 x 3 — 7.378 in.² (47 cm²)

4. 6 x 6 — 31.871 in.2 (205 cm2)

Fittings.

Internal and external elbow shall be a fitting cover that snaps onto the main base. Flat elbows and flat tees shall be a fitting cover that snaps on to the main base. End caps shall be gasketed and NEMA Type 12 rated.

Installation.

Install in accordance with the manufacturer's instructions, NFPA 70 and NEC® standard. Install base, cover, fittings, accessories, etc., as necessary for a complete system.

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.



United States

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Wiring Trough Technical Information

Cementing Instructions -

- Make a square cut using a miter box or precisely marked line on the wireway to provide a smooth connection.
- Make certain surfaces to be bonded are free of dirt, dust, etc., by wiping them clean with a rag and by removing sawcut burrs with a knife or rasp.
- With a dauber, place a coating of Carlon® Clear Primer on the wireway and its mating parts. Thoroughly coat the surfaces to be mated.
- Allow the Carlon® Clear Primer a few seconds to soften the PVC surface (the time may need to be adjusted depending upon the temperature).
- 5. Apply a complete coating of Carlon® Quick-Set Clear Cement to matching ends that will be joined.
- Hold the parts in position by exerting pressure on the surfaces with clamps.
- 7. Allow 15 minutes or more before removing clamps.

Clear Primer

CAT. NO.	STANDARD Size	STD. CTN.	STD. Wt. (LBS.)
VC9903	Pint, Dauber Top	24	27.0
VC9902	Quart, Dauber Top	12	25.0
Cement and prime	r not needed for end caps.	.=	

All-Weather Quick-Set Clear Cement

CAT. NO.	STANDARD Size	STD. CTN.	STD. Wt. (LBS.)
VC9984	Half-Pint, Dauber Top	10	7.0
VC9983	Pint, Dauber Top	24	30.0
VC9982	Quart, Dauber Top	12	29.0
VC9981P	Gallon, Pour Top	6	54.0

Expansion And Contraction

Wireway will expand or contract with variations in temperature. To compensate for this expansion and contraction, during installation leave a .25" gap at joint, glue only one side of internal coupling or use external coupling with push rivets. All mounting holes should be drilled oversize and fasteners should not be tightened fully to allow for expansion and contraction.

Materials

PVC Homopolymer (ASTM F1784)	minimum cell class 12354B
Specific Gravity (ASTM D792)	1.46
Thermal Conductivity (ASTM C177)	1.3 BTU/hr./ft.²/°F/in.
Heat-Deflection Temperature	
@ 264 psi (ASTM D648)	70° C
Tensile Strength (ASTM D638)	6000 psi
Flammability (UL 94)	V-0

Physical Properties

SIZE (IN.)	CRUSH STRENGTH ¹ (LBS.)	IMPACT STRENGTH ² (FTLBS.)
2 x 2	650	40
3 x 3	500	30
4 x 4	500	40
6 x 6	600	50

- 1 Load on 6" long sample just prior to wall buckling; fully recoverable.
- 2 5-lb. weight with 11/4" dia. face at 73° F.



Dimensions

OUTSIDE Nominal Size (in.)	OUTSIDE Actual Size (IN.)	INSIDE HEIGHT (IN.)	INSIDE WIDTH (IN.)	INSIDE Area (In.²)	WIREWAY THICKNESS (IN.)	COVER THICKNESS (IN.)	WT./FT. (LB./FT.)
2 x 2	1.97 x 1.97	1.8	1.79	3.31	.09	.08	.6
3 x 3	2.96 x 2.96	2.8	2.76	7.94	.10	.08	.85
4 x 4	3.94 x 3.94	3.75	3.72	14.39	.11	.08	1.48
6 x 6	5.91 x 5.91	5.67	5.67	13.48	.12	.12	2.29

All information represents typical values and does not represent a minimum performance specification.



Carlon

Wiring Trough Technical Information

Wire Fill Chart

	AREA	OF CONDU	JCTOR (SQ	. IN.)	_																	
	A RFH-2,	В	C	D	-				SAFE® WIRE WN ARE 20°											EWAY))	
CONDUCTOR SIZE	RH, RHH, RHW***.	TF, THW.	TFN, Thhn,	XHHW.		2 x 2 (.6 IN. ²))		3 x 3 (1.5 IN. ²	<u>'</u>)		4	4 x 4 (2	2.7 IN. ²	')		6	x 6 (6	.4 IN. ²	
AWG/KCMIL	SF-2***	TW [†]	THWN	ZW ⁺⁺	Α	В	С	D	A	В	С	D	-	Α	В	С	D	A		В	С	D
#18 AWG	.0167	.0088	.0062	_	36	68	96	_	89	170	241	_		161	306	435	_	38	3	727	1032	_
#6 AWG	.0196	.0109	.0079	_	31	55	76	_	76	137	189	_		137	247	341	_	32	6	587	810	_
#14 AWG	.0230	.0135	.0087	_	26	44	69	_	65	111	172	_		117	200	310	_	27	8	474	735	_
#14 AWG	.0327*	_	_	_	18	_	_	_	45	_	_	_		82	_	_	_	19	5	_	_	_
#14 AWG	_	.0206†	_	.0131	_	29	_	46	_	72	_	114		_	131	_	206	_	-	310	_	488
#12 AWG	.0278	.0172	.0117	_	21	35	51	_	53	87	128	_		97	156	230	_	23	0	372	547	_
#12 AWG	.0384*	_	_	_	16	_	_	_	39	_	_	-		70	_	_	_	16	6	_	_	_
#12 AWG	_	.0252 [†]	_	.0167	_	24	_	36	_	59	_	89		_	107	_	161	_	-	253	_	383
#10 AWG	.0460	.0222	.0184	_	13	27	33	_	32	67	81	_		58	121	146	_	13	9	288	347	_
#10 AWG	_	.0311	_	.0216	_	19	_	28	_	48	_	69		_	86	_	125	_	_	205	_	296
#8 AWG	.0845	.0471	.0373	_	7	13	16	_	17	31	40			31	57	72	_	75	5	135	171	_
#8 AWG	_	.0598†	_	.0456	_	10	_	13	_	25	_	32		_	45	_	59	_	-	107	_	140
#6 AWG	.1238	.0819	.0519	.0625	4	7	11	10	12	18	28	24		21	32	52	43	5		78	123	102
#4 AWG	.1605	.1087	.0845	.0845	4	6	7	7	9	13	17	17		16	24	31	31	39	9	58	75	75
#3 AWG	.1817	.1263	.0995	.0995	3	5	6	6	8	11	15	15		14	21	27	27	38	5	50	64	64
#2 AWG	.2067	.1473	.1182	.1182	3	4	5	5	7	10	12	12		13	18	22	22	30)	43	54	54
#1 AWG	.2715	.2027	.1590	.1590	2	3	4	4	5	7	9	9		9	13	16	16	23	3	31	40	40
1/0 AWG	.3107	.2367	.1893	.1893	2	2	3	3	4	6	7	7		8	11	14	14	20)	27	33	33
2/0 AWG	.3578	.2781	.2265	.2265	1	2	2	2	4	5	6	6		7	9	11	11	17	7	23	28	28
3/0 AWG	.4151	.3288	.2715	.2715	1	1	2	2	3	4	5	5		6	8	9	9	18	5	19	23	23
4/0 AWG	.4840	.3904	.3278	.3278	1	1	1	1	3	4	4	4		5	6	8	8	10	3	16	19	19
250 kcmil	.5917	.4877	.4026	.4026	1	1	1	1	2	3	3	3		4	5	6	6	10)	13	15	15
300 kcmil	.6837	.5581	.4669	.4669	_	1	1	1	2	2	3	3		3	4	5	5	9		11	13	13
350 kcmil	.7620	.6291	.5307	.5307	_	_	1	1	1	2	2	2		3	4	5	5	8		10	12	12
400 kcmil	.8365	.6969	.5931	.5931	_	_	1	1	1	2	2	2		3	3	4	4	7		9	10	10
500 kcmil	.9834	.8316	.7163	.7163	_	_	_	_	1	1	2	2		2	3	3	3	6		7	8	8
600 kcmil	1.1940	1.0261	.8791	.9043	_	_	_	_	1	1	1	1		2	2	3	3	5		6	7	7
700 kcmil	1.3355	1.1575	1.0011	1.0297	_	_	_	_	1	1	1	1		2	2	2	2	4		5	6	6
750 kcmil	1.4082	1.2252	1.0623	1.0936	_	_	_	_	1	1	1	1		1	2	2	2	4		5	6	5
800 kcmil	1.4784	1.2908	1.1234	1.1499	_	_	_	_	1	1	1	1		1	2	2	2	4		4	5	5
900 kcmil	1.6173	1.4208	1.2449	1.2668	_	_	_	_	_	1	1	1		1	1	2	2	3		4	5	5
1000 kcmil	1.7530	1.5482	1.3623	1.3893	_	_	_	_	_	_	1	1		1	1	1	1	3		4	4	4
1250 kcmil	2.2062	1.9532	_	1.7671	_	_	_	_	_	_	_			1	1	_	1	2		3	_	3
1500 kcmil	2.5475	2.2751	_	2.0612	_	_	_	_	_	_	_			1	1	_	1	2		2	_	3
1750 kcmil	2.8832	2.5930	_	2.3779	_	_	_	_	_	_	_	_		_	1	_	1	2		2	_	2
2000 kcmil	3.2079	2.9013	_	2.6590	_	_	_	_	_	_	_	_		_	_	_	1	1		2	_	2
																				_		_

^{*} Dimensions of RHH and RHW.

Notes:

- 1) The ampacities of the conductors shall be reduced as shown in the table below.
- 2) Refer to the National Electrical Code® for ambient temperature correction factors.

	COLUMN A — PERCENT OF VALUES IN		COLUMN B** — PERCENT OF VALUES IN
NUMBER OF CONDUCTORS	TABLES AS ADJUSTED FOR AMBIENT TEMPERATURE IF NECESSARY	NUMBER OF CONDUCTORS	TABLES AS ADJUSTED FOR AMBIENT TEMPERATURE IF NECESSARY
4 through 6	80	4 through 6	80
7 through 9	70	7 through 9	70
10 through 24*	70	10 through 20	50
25 through 42*	60	21 through 30	45
43 and above*	50	31 through 40	40
_	_	41 through 60	35

^{*} These factors include the effects of a load diversity of 50 percent. ** No diversity



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^{***} Dimensions of RHH and RHW without outer covering are the same as THW

No. 18 through No. 10, solid as well as No. 8 and larger, stranded.

† Dimensions of THW in sizes No. 14 through No. 8. No. 6 THW and larger are same dimension as TW.

tt No. 14 through No. 2.