

Compression splice kits

Aluminum Flood-Seal® compression splice kits



RRK 500

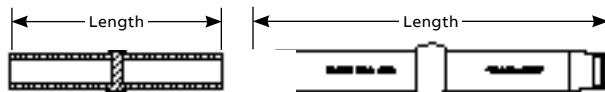
Reliable underground watertight repair splice with locking EPDM cover.

- Radiating rib design dissipates heat, centers the watertight insulating cover and seals perfectly every time
- Rubber Flood-Seal insulating cover fits snugly for maximum heat dissipation, no tape required
- Compact size allows you to install connectors on up to 4/0 AWG cable in only 10" of space using UT 3 M or UT 3 tools
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- Exceeds ANSI C119.4 requirements and is recognized by RUS

Aluminum Flood-Seal compression splice kits

Cat. no.	Color code	Wire size (AWG or kcmil)		Connector length (in.)	Insulator length (in.)	Installing dies	Strip length (in.)
		From	To				
RRK 4	Orange	#4	#4	2	5½	½ (3)	1
RRK 2	Red	#2	#2	3	5½	⅝ (5)	1½
RRK 24	Red/Orange	#2	#4	3	5½	⅝ (5)	1½
RRK 1	Red	#1	#1	3	5½	⅝ (5)	1½
RRK 10	Yellow	1/0	1/0	3	5½	⅝ (5)	1½
RRK 102	Yellow/Red	1/0	#2	3	5½	⅝ (5)	1½
RRK 20	Gray	2/0	2/0	3	5½	⅝ (5)	1½
RRK 201	Gray/Red	2/0	#1	3	5½	⅝ (5)	1½
RRK 202	Gray/Red	2/0	#2	3	5½	⅝ (5)	1½
RRK 2010	Gray/Yellow	2/0	1/0	3	5½	⅝ (5)	1½
RRK 30	Black	3/0	3/0	4¼	7¼	⅝ (7)	2¼
RRK 3010	Black/Yellow	3/0	1/0	4¼	7¼	⅝ (5)	2¼
RRK 3020	Black/Gray	3/0	2/0	4¼	7¼	⅝ (7)	2¼
RRK 40	Pink	4/0	4/0	4¼	7¼	⅝ (7)	2¼
RRK 4010	Pink/Yellow	4/0	1/0	4¼	7¼	⅝ (7)	2¼
RRK 4020	Pink/Gray	4/0	2/0	4¼	7¼	⅝ (7)	2¼
RRK 4030	Pink/Black	4/0	3/0	4¼	7¼	⅝ (7)	2¼
RRK 40-840	Pink	4/0	4/0	4½	7½	840, 249, 11A	2¼
RRK 250	None	250	250	4½	7½	840, 249, 11A	2¼
RRK 300	None	300	300	4½	7½	840, TX, 76, 249, 11A	2¼
RRK 350	None	350	350	4½	7½	840, TX, 76, 249, 11A	2¼
RRK 350300	None	350	300	4½	7½	840, TX, 76, 249, 11A	2¼
RRK 35040	None	350	4/0	4½	7½	840, TX, 76, 249, 11A	2¼
RRK 500	None	500	500	6¾	10¾	472, 655, 13A, 96, 1½-2	2¼

Diagrams



Note: For copper splice kits, add "CU" suffix to the catalog number.

Compression splice kits

Aluminum heat-shrink compression splice kits



RRK 40 HS

Heat-shrink tubing creates sealed, watertight splices.

- Radiating rib design dissipates heat, centers the watertight insulating cover and seals perfectly every time
- Heavy-wall heat-shrink tubing enables you to crimp the two pieces of wire together, then heat the splice with a hot-air gun to get a fully sealed, watertight repair splice
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- Exceeds ANSI C119.4 requirements and is recognized by RUS

Aluminum heat-shrink compression splice kits

Cat. No.	Color code	Wire size (AWG or kcmil)		Connector length (in.)	Insulator length (in.)	Installing dies	Strip length (in.)
		From	To				
RRK 4 HS	Orange	#4	#4	2	5½	½ (3)	1
RRK 2 HS	Red	#2	#2	3	5½	⅝ (5)	1½
RRK 24 HS	Red/Orange	#2	#4	3	5½	⅝ (5)	1½
RRK 1 HS	Red	#1	#1	3	5½	⅝ (5)	1½
RRK 10 HS	Yellow	1/0	1/0	3	5½	⅝ (5)	1½
RRK 102 HS	Yellow/Red	1/0	#2	3	5½	⅝ (5)	1½
RRK 20 HS	Gray	2/0	2/0	3	5½	⅝ (5)	1½
RRK 201 HS	Gray/Red	2/0	#1	3	5½	⅝ (5)	1½
RRK 202 HS	Gray/Red	2/0	#2	3	5½	⅝ (5)	1½
RRK 2010 HS	Gray/Yellow	2/0	1/0	3	5½	⅝ (5)	1½
RRK 30 HS	Black	3/0	3/0	4¼	7¼	⅝ (7)	2¼
RRK 3010 HS	Black/Yellow	3/0	1/0	4¼	7¼	⅝ (5)	2¼
RRK 3020 HS	Black/Gray	3/0	2/0	4¼	7¼	⅝ (7)	2¼
RRK 40 HS	Pink	4/0	4/0	4¼	7¼	⅝ (7)	2¼
RRK 4010 HS	Pink/Yellow	4/0	1/0	4¼	7¼	⅝ (7)	2¼
RRK 4020 HS	Pink/Gray	4/0	2/0	4¼	7¼	⅝ (7)	2¼
RRK 4030 HS	Pink/Black	4/0	3/0	4¼	7¼	⅝ (7)	2¼
RRK 40-840 HS	Pink	4/0	4/0	4½	7½	840, 249, 11A	2¼
RRK 250 HS	None	250	250	4½	7½	840, 249, 11A	2¼
RRK 300 HS	None	300	300	4½	7½	840, TX, 76, 249, 11A	2¼
RRK 350 HS	None	350	350	4½	7½	840, TX, 76, 249, 11A	2¼
RRK 350300 HS	None	350	300	4½	7½	840, TX, 76, 249, 11A	2¼
RRK 35040 HS	None	350	4/0	4½	7½	840, TX, 76, 249, 11A	2¼
RRK 500 HS	None	500	500	6¾	10¾	472, 655, 13A, 96, 1½-2	2¼

Note: Use the Homac UT 3 or UT 3 M tool for wire sizes up to 4/0 AWG.

Compression splice kits

Copper Flood-Seal® compression splice kits



Dissipate heat and make perfect watertight connections.

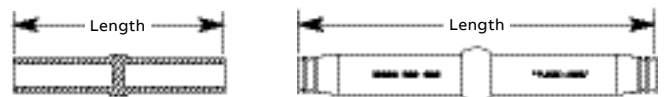
Homac copper Flood-Seal compression splice kits enable you to quickly make watertight copper-to-copper splice connections or repair copper service cables damaged by dig-ins or failures and restore their watertight integrity. The unique design of the splice/cover combination makes this the fastest and easiest watertight splicing solution available. The pre-greased insulating cover slides effortlessly onto the cable. After you've prepared the cable and crimped the splice, simply slide the cover back over the splice until it is positively centered and mates with the connector rib. That's it – no cutting, taping, heat guns or pull cords!

- Radiating rib dissipates heat, centers the watertight insulating cover and seals perfectly every time
- Single-piece Flood-Seal insulating covers are pre-lubricated and sized for the connection
- Easy installation saves you time and money
- Exceeds ANSI C119.1 requirements

Copper Flood-Seal compression splice kits

Cat. no.	Wire size (AWG or kcmil)	Connector length (in.)	Insulator length (in.)	Installing dies	Strip length (in.)
RRK 2 CU	#2	2	4 1/8	TQ, 42, 163, 1/2	1
RRK 10 CU	1/0	2 1/2	5 1/2	TU, 52, BG, 243, 5/8	1 1/8
RRK 20 CU	2/0	2 1/2	5 1/2	TU, 52, BG, 243, 5/8	1 1/8
RRK 30 CU	3/0	2 1/2	5 1/2	TU, 52, BG, 243, 5/8	1 1/8
RRK 40 CU	4/0	2 5/8	7 1/4	TW-TY, 54, 243	1 1/4
RRK 250 CU	250	2 5/8	7 1/2	840, 76, 249	1 1/4
RRK 350 CU	350	2 5/8	7 1/2	840, 76, 249	1 1/4
RRK 500 CU	500	3 3/4	9 1/2	96, 472, 655, 1 1/8-2	1 3/4

Diagrams



Compression splice kits

Aluminum Flood-Seal® compression splice kits



FSK 500

Dual-rated kits approved for a wide range of aluminum or copper connections.

- All kits include one submersible splice cover and one aluminum compression splice to ensure a fully insulated, watertight repair splice, no tape required
- Prefilled with oxide inhibitor and capped to prevent oxidation and keep out moisture.

Aluminum Flood-Seal compression splice kits

Cat. no.	Wire size (AWG or kcmil)		Splice cover
	From	To	
FSK 4	#4	#4	FSS 20
FSK 2	#2	#2	FSS 20
FSK 1	#1	#1	FSS 20
FSK 1/0	1/0	1/0	FSS 20
FSK 1/0 R 2	1/0	#2	FSS 20
FSK 2/0 R 1/0	2/0	1/0	FSS 20
FSK 2/0	2/0	2/0	FSS 20
FSK 4/0 R 2/0	4/0	2/0	FSS 350
FSK 3/0	3/0	3/0	FSS 350
FSK 4/0	4/0	4/0	FSS 350
FSK 250	250	250	FSS 350
FSK 300	300	300	FSS 350

Note: For kits with copper splices or with open-ended splice covers, please consult your ABB representative.

Cat. no.	Wire size (AWG or kcmil)		Splice cover
	From	To	
FSK 350 R 4/0	350	4/0	FSS 500
FSK 350	350	350	FSS 500
FSK 400	400	400	FSS 500
FSK 500 R 4/0	500	4/0	FSS 500
FSK 500 R 350	500	350	FSS 500
FSK 500	500	500	FSS 500
FSK 600	600	600	FSS 500
FSK 750	750	750	FSS 1000
FSK 750 R 500	750	500	FSS 1000
FSK 1000 R 500	1,000	500	FSS 1000
FSK 1000 R 750	1,000	750	FSS 1000
FSK 1000	1,000	1,000	FSS 1000

Compression splice kits

In-line compression splice kits



ULSK 500 HS



ULSK 4/0

Heat-shrink ULSK-HS series,
pre-sized heat-shrink tubing included



Cat. no.	Conductor size (AWG or kcmil)
ULSK 6 HS	#6
ULSK 4 HS	#4
ULSK 2 HS	#2
ULSK 1 HS	#1
ULSK 1/0 HS	1/0
ULSK 2/0 HS	2/0
ULSK 3/0 HS	3/0
ULSK 4/0 HS	4/0
ULSK 250 HS	250
ULSK 300 HS	300
ULSK 350 HS	350
ULSK 400 HS	400
ULSK 500 HS	500
ULSK 600 HS	600
ULSK 750 HS	750
ULSK 800 HS	800
ULSK 1000 HS	1,000

Note: For reducing kits, please contact your ABB representative.

Dual-rated kits include submersible splice cover.

- Heat-shrink kits include pre-sized heat-shrink tubing enabling you to crimp the two cables together, then heat the splice with a hot-air gun to get a fully sealed, watertight repair splice
- Flood-Seal® kits include one submersible splice cover that fits snugly for maximum heat dissipation and creates a fully insulated, watertight repair splice
- Dual-rated and approved for a wide range of aluminum or copper connections
- Prefilled with oxide inhibitor and capped to prevent oxidation and keep out moisture

Flood-Seal ULSK series

Cat. no.	Conductor size (AWG or kcmil)	Splice cover
ULSK 8	#8	FSS 20
ULSK 6	#6	FSS 20
ULSK 4	#4	FSS 20
ULSK 2	#2	FSS 20
ULSK 1	#1	FSS 20
ULSK 1/0	1/0	FSS 20
ULSK 2/0	2/0	FSS 350
ULSK 3/0	3/0	FSS 350
ULSK 4/0	4/0	FSS 350
ULSK 250	250	FSS 350
ULSK 300	300	FSS 500L
ULSK 350	350	FSS 500L
ULSK 400	400	FSS 500L
ULSK 500	500	FSS 500L
ULSK 600	600	FSS 1000
ULSK 750	750	FSS 1000
ULSK 800	800	FSS 1000
ULSK 1000	1,000	FSS 1000

Compression splice kits

Copper in-line compression splice kits



Make copper splices using kits with either a rubber insulating cover or heat-shrink tubing.

- Flood-Seal® kits include a rubber insulating cover that fits snugly for maximum heat dissipation
- Heat-shrink kits include pre-sized heat-shrink tubing, enabling you to crimp the two pieces of wire together, then heat the splice with a hot-air gun to get a fully sealed, watertight repair splice
- Connectors have a center cable stop to ensure equal cable insertion

Heat-shrink ULCK-HS series, pre-sized heat-shrink tubing included



Cat. no.	Conductor size (AWG or kcmil)
ULCK 8 HS	#8
ULCK 6 HS	#6
ULCK 4 HS	#4
ULCK 2 HS	#2
ULCK 1 HS	#1
ULCK 1/0 HS	1/0
ULCK 2/0 HS	2/0
ULCK 3/0 HS	3/0
ULCK 4/0 HS	4/0
ULCK 250 HS	250
ULCK 300 HS	300
ULCK 350 HS	350
ULCK 400 HS	400
ULCK 500 HS	500
ULCK 600 HS	600
ULCK 750 HS	750
ULCK 1000 HS	1,000

Note: For kits with open-ended splice covers, for splices not shown or for reducing kits, please consult your ABB representative.

Flood-Seal ULCK series

Cat. no.	Conductor size (AWG or kcmil)	Splice cover
ULCK 8	#8	FSS 20
ULCK 6	#6	FSS 20
ULCK 4	#4	FSS 20
ULCK 2	#2	FSS 20
ULCK 1	#1	FSS 20
ULCK 1/0	1/0	FSS 20
ULCK 2/0	2/0	FSS 350
ULCK 3/0	3/0	FSS 350
ULCK 4/0	4/0	FSS 350
ULCK 250	250	FSS 350
ULCK 300	300	FSS 500L
ULCK 350	350	FSS 500L
ULCK 400	400	FSS 500L
ULCK 500	500	FSS 500L
ULCK 600	600	FSS 1000
ULCK 750	750	FSS 1000
ULCK 800	800	FSS 1000
ULCK 1000	1,000	FSS 1000

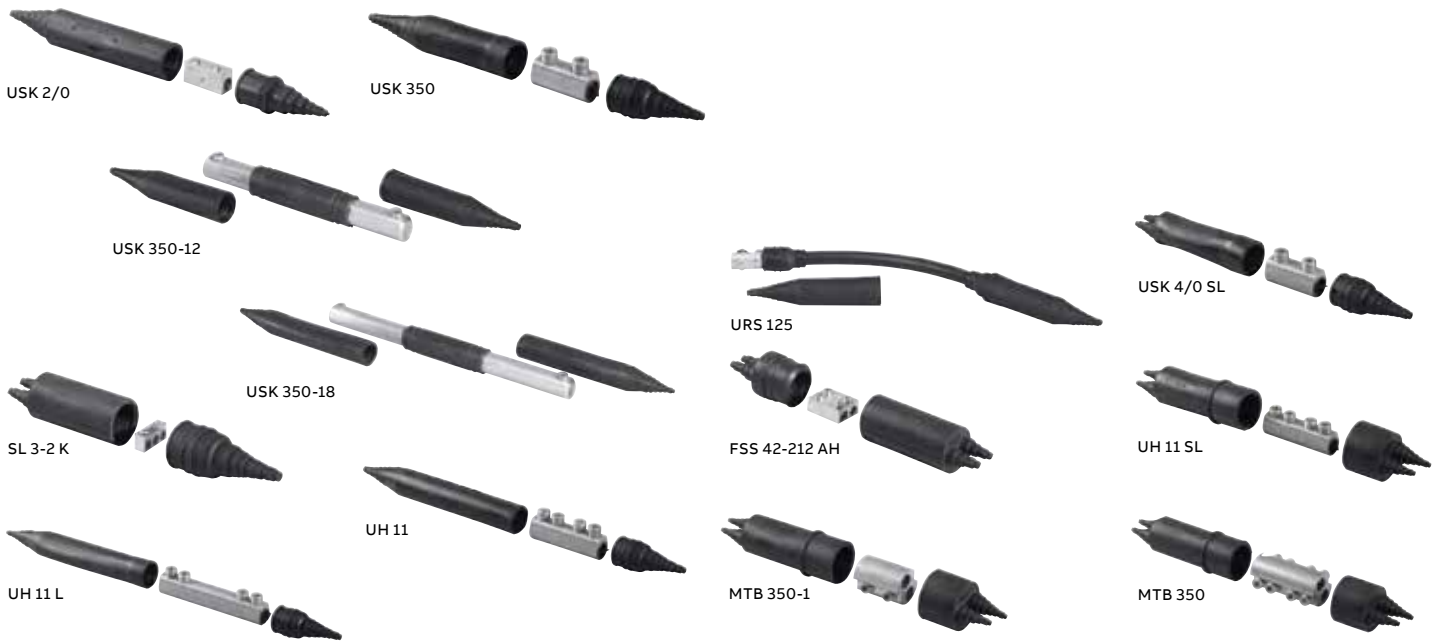
Aluminum mechanical splice kits

Aluminum Flood-Seal® mechanical splice kits

Range taking – no compression tools and dies required.

- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- Dual-rated and approved for use with aluminum or copper conductors

- EPDM rubber splice covers ensure a fully insulated, watertight repair splice – there's no taping, heat shrink or mastic required
- Sized for most conductors perfect for repairing any 2-, 3- or 4-wire installation
- Recognized by RUS



Two-wire kits

Cat. no.	Conductor range (AWG or kcmil)	Connector length (in.)	Number of screws per side
USK 2/0 (slotted screw)	#14–2/0	1½	1
USK 2/0 AH	#14–2/0	1½	1
USK 4/0	#4–4/0	2	1
USK 350*	#6–350	2¾/16	1
USK 350-4	#6–350	4	1
USK 350-12*†	#6–350	12	1
USK 350-18*†	#6–350	18	1
UH 11	#6–350	4¼/16	2
UH 11 L†	#6–350	6½	2
USK 350-12 DS	#6–350	12	2
USK 350-18 DS†	#6–350	18	2
USK 500	#2–500	4¾/16	2
USK 500 L†	#2–500	7½	2
USK 500-12†	#2–500	12	2
USK 500-16†	#2–500	16	2
USK 750	250–750	16¾/16	2

* UL Listed. † Repair kits.

Kits

Cat. no.	Conductor range (AWG or kcmil)	Connector length (in.)
Compression-type repair kits		
URS 125	#2–350 (standard one-hole lugs)	17½
Three-wire kits		
SL 3-2 K	#4–#14 Cu / #2–#14 Al	3
USK 4/0 SL	Side "A" (#6–350), Side "B" (1/0–4/0 with #6–#14 sol. tap)	Accommodates 3 wires
Four-wire kits		
FSS 42-212 AH	#2–#12	4
UH 11 SL	Side "A" (#6–350), Side "B" (1/0–4/0 with #6–#14 sol. tap)	Accommodates 4 wires
MTB 350-1	#6–350	4
MTB 350	#6–350	#2–500