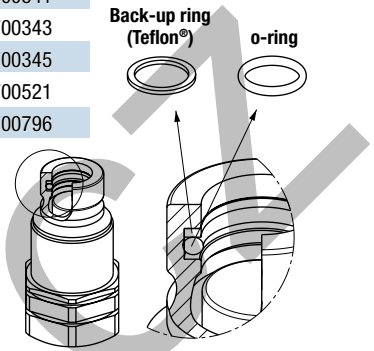




SPARE KIT SEAL FOR MALE

Repair kit / OR+BK			
Body Size	Description		Part Number
	OLD	NEW	
1/4"	M FIRG14	M FIRG7	815700519
3/8"	M FIRG38-12	M FIRG9	815700337
1/2"	M FIRG12A-34	M FIRG13	815700339
5/8"	M FIRG34B	M FIRG15	815700341
3/4"	M FIRG100-34A	M FIRG17	815700343
1"	M FIRG114	8M FIRG21	815700345
1-1/2"	M FIRG112	M FIRG30	815700521
2"	M FIRG200	M FIRG45	815700796

O-Ring in Nitrile
BackUp in Teflon®



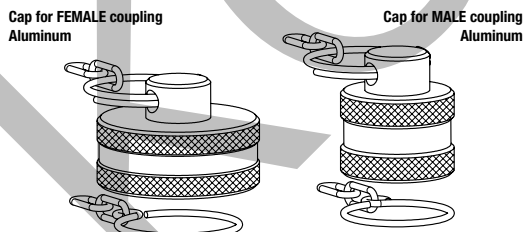
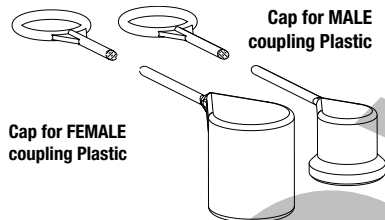
PROTECTIVE CAPS FOR FIRG SERIES

Protective caps are always recommended to protect the couplings from damage, dirt inclusion, and will increase the product life. This is particularly important in mobile applications where exposure to weather and aggregate materials are common.

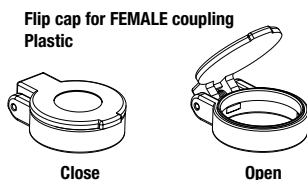
For the FIRG series are available three kind of materials:

- plastic caps with lanyard (standard color: red, other colors available upon request)
- aluminum caps with lanyard (standard colors: natural aluminum, other colors available upon request)
- plastic caps, clip system (standard color: red, other colors available upon request)

Body Size		Description		Protective Cap		Material/Color
		OLD	NEW	Cap for Female	Cap for Male	
1/4"	1/4"	FIRG14	FIRG7	815100000	815100023	Plastic/Red
3/8"	3/8"	FIRG38	FIRG9	815100002	815100025	Plastic/Red
3/8"	1/2"	FIRG12	FIRG9	815100002	815100027	Plastic/Red
1/2"	1/2"	FIRG12A	FIRG13	815100004	815100029	Plastic/Red
1/2"	3/4"	FIRG34	FIRG13	815100006	815100031	Plastic/Red
5/8"	3/4"	FIRG34B	FIRG15	815100008	815100011	Plastic/Red
3/4"	3/4"	FIRG34A	FIRG17	815100010	815100013	Plastic/Red
3/4"	1"	FIRG100	FIRG17	815100010	815100013	Plastic/Red
1"	1-1/4"	FIRG114	FIRG114	815100012	815100015	Plastic/Red



Body Size		Description		Protective Cap		Material/Color
		OLD	NEW	Cap for Female	Cap for Male	
1/4"		FIRG14	FIRG7	816005002	816005003	Aluminum/Natural
3/8"		FIRG38-12	FIRG9	816005004	816005005	Aluminum/Natural
1/2"		FIRG12A-34	FIRG13	816005006	816005007	Aluminum/Natural
3/4"		FIRG100-34A	FIRG17	816005010	816005011	Aluminum/Natural
1"		FIRG114	FIRG21	816005012	816005013	Aluminum/Natural
1-1/2"		FIRG112	FIRG30	815105014	815105017	Aluminum/Natural
2"		FIRG200	FIRG45	815105016	815105019	Aluminum/Natural



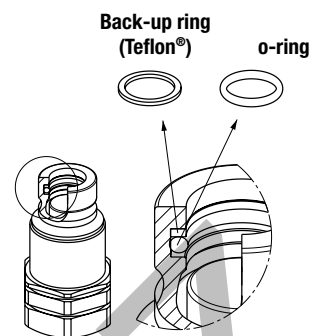
Body Size		Description		Protective Cap		Material/Color
		OLD	NEW	Cap for Female		
3/8"		FIRG38-12	FIRG9	816005002		Aluminum/Natural
1/2"		FIRG12A-34	FIRG13	816005004		Aluminum/Natural
5/8"		FIRG34B	FIRG15	816005006		Aluminum/Natural
3/4"		FIRG100-34A	FIRG17	816005010		Aluminum/Natural



SPARE KIT SEAL FOR MALE

Repair kit / OR+BK		
Body Size	Description	Part Number
1/4"	MA7	815700519
3/8"	MA9	815700337
1/2"	MA13	815700339
5/8"	MA15	815700341
3/4"	MA17	815700343
1"	MA21	815700345
1 1/4"	MA25	815700693
1 1/2"	MA30	815700521

O-Ring in Nitrile
BackUp in Teflon®

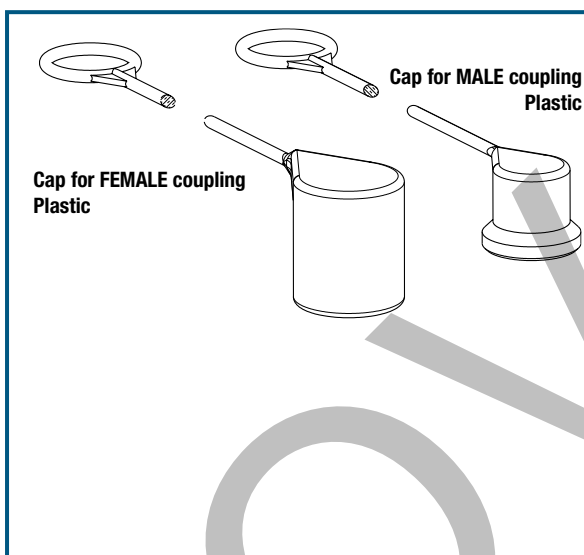


PROTECTIVE CAPS FOR A SERIES

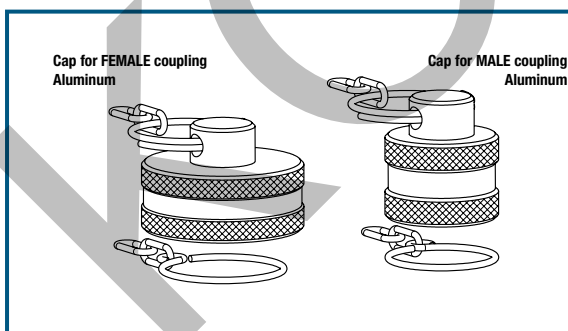
Protective caps are always recommended to protect the couplings from damage, dirt inclusion, and will increase the product life. This is particularly important in mobile applications where exposure to weather and aggregate materials are common.

For the A series are available three kind of materials:

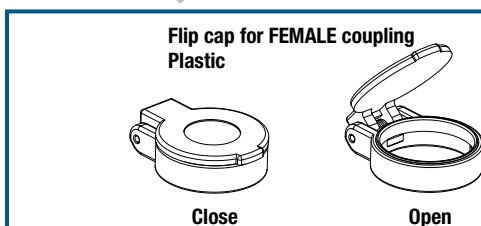
- plastic caps complete with lanyard (standard color: red, other colors available upon request)
- aluminum caps complete with lanyard (standard colors: natural aluminum, other colors available upon request)
- plastic caps, clip system (standard color: red, other colors available upon request)



Protective Cap			Part number		Material/Color
			Cap for Female	Cap for Male	
1/8"	1/8"	A4	-	815100021	Plastic/Red
1/4"	1/4"	A7	815100000	815100023	Plastic/Red
3/8"	3/8"	A9	815100002	815100027	Plastic/Red
3/8"	1/2"	A9	815100002	815100027	Plastic/Red
1/2"	1/2"	A13	815100006	815100031	Plastic/Red
1/2"	3/4"	A13	815100006	815100031	Plastic/Red
5/8"	3/4"	A15	815100008	815100011	Plastic/Red
5/8"	1"	A15	815100008	815100011	Plastic/Red
3/4"	3/4"	A17	815100010	815100013	Plastic/Red
3/4"	1"	A17	815100010	815100013	Plastic/Red
1"	3/4"	A21	815100012	815100015	Plastic/Red
1"	1"	A21	815100012	815100015	Plastic/Red
1"	1-1/4"	A21	815100012	815100015	Plastic/Red
1"	1-1/4"	A21	815100012	815100015	Plastic/Red



Protective Cap			Part Number		Material/Color
			Cap for Female	Cap for Male	
1/4"	A7	816005002	816005003		Aluminum/Natural
3/8"	A9	816005004	816005005		Aluminum/Natural
1/2"	A13	816005006	816005007		Aluminum/Natural
3/4"	A17	816005010	816005011		Aluminum/Natural
1"	A21	816005012	816005013		Aluminum/Natural
1 1/4"	A25	815205020	815205021		Aluminum/Natural
1 1/2"	A30	815105014	815105017		Aluminum/Natural



Protective Cap			
Body Size/Description		Part Number	Material/Color
		Cap for Female	
3/8"	F A9	815200002	Plastic/Red
1/2"	F A13	815200004	Plastic/Red
5/8"	F A15	815200006	Plastic/Red
3/4"	F A17	815200008	Plastic/Red



SPARE KIT SEAL FOR MALE

Repair kit / OR+BK		
Body Size	Description	Part Number
3/8"	M AX9	815700247
1/2"	M AX13	815700249
3/4"	M AX17	815700253
1"	M AX21	815700255

Back-up ring
(Teflon®)

O-ring

O-Ring in FKM (VITON®)
BackUp in Teflon®

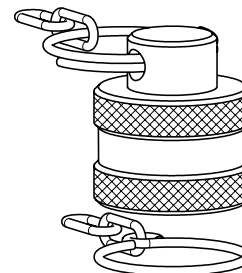
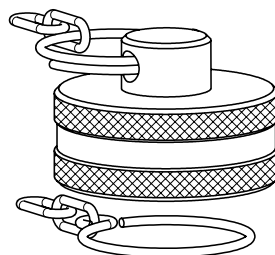
PROTECTIVE CAPS FOR AX SERIES

Protective caps are always recommended to protect the couplings from damage, dirt inclusion, and will increase the product life. This is particularly important in mobile applications where exposure to weather and aggregate materials are common.

The protective caps for AX couplings are manufactured in aluminum with lanyard (colors: natural aluminum).

Cap for FEMALE coupling
Aluminum

Cap for MALE coupling
Aluminum



Protective Cap				
Body Size/Description		Part Number		Material/Color
		Cap for Female	Cap for Male	
3/8"	AX9	816005004	816005005	Aluminum/Natural
1/2"	AX13	816005006	816005007	Aluminum/Natural
3/4"	AX17	816005010	816005011	Aluminum/Natural
1"	AX21	816005012	816005013	Aluminum/Natural

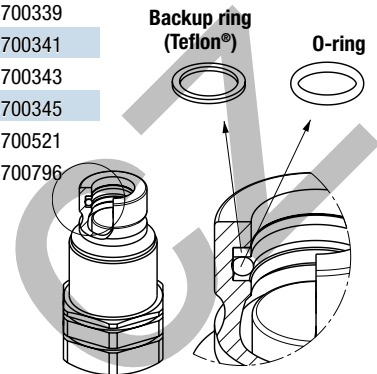
The protective caps for AX couplings are also available in plastic (see A series caps at page 39).



SPARE KIT SEAL FOR MALE

Repair kit / OR+BK			
Body Size	Description		Part Number
	OLD	NEW	
1/4"	M FIRG14Q	M FIRG7Q	815700519
3/8"	M FIRG38Q-12Q	M FIRG9Q	815700337
1/2"	M FIRG12AQ-34Q	M FIRG13Q	815700339
5/8"	M FIRG34BQ	M FIRG15Q	815700341
3/4"	M FIRG100Q	M FIRG17Q	815700343
1"	M FIRG114Q	M FIRG21Q	815700345
1 1/2"	M FIRG112Q	M FIRG30Q	815700521
2"	M FIRG200Q	M FIRG45Q	815700796

O-Ring in Nitrile
BackUp in Teflon®

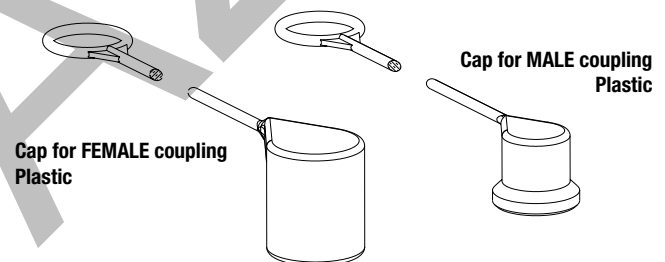


PROTECTIVE CAPS FOR FIRG-Q SERIES

Protective caps are always recommended to protect the couplings from damage, dirt inclusion, and will increase the product life.

For the FIRG-Q series are available two kind of materials:

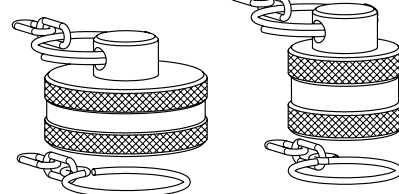
- Plastic caps with lanyard (standard color: red, other colors available upon request)
- aluminum caps with lanyard (standard colors: natural aluminum, other colors available upon request)



Protective Cap					
Body :	Description		Part Number		Material/Color
Size	OLD	NEW	Cap for Female	Cap for Male	
1/4"	FIRG14Q	FIRG7Q	815100000	815100023	Plastic/Red
3/8"	FIRG38Q-12Q	FIRG9Q	815100002	815100027	Plastic/Red
1/2"	FIRG12AQ-34Q	FIRG13Q	815100006	815100031	Plastic/Red
5/8"	FIRG34BQ	FIRG15Q	815100008	815100011	Plastic/Red
3/4"	FIRG100Q	FIRG17Q	815100010	815100013	Plastic/Red
1"	FIRG114Q	FIRG21Q	815100012	815100015	Plastic/Red

Cap for FEMALE coupling
Aluminum

Cap for MALE coupling
Aluminum



Protective Cap					
Body :	Description		Part Number		Material/Color
Size :	OLD	NEW	Cap for Female	Cap for Male	
1/4"	FIRG14Q	FIRG7Q	816005002	816005003	Aluminum/Natural
3/8"	FIRG38Q-12Q	FIRG9Q	816005004	816005005	Aluminum/Natural
1/2"	FIRG12AQ-34Q	FIRG13Q	816005006	816005007	Aluminum/Natural
5/8"	FIRG34BQ	FIRG15Q	816005008	816005009	Aluminum/Natural
3/4"	FIRG100Q	FIRG17Q	816005010	816005011	Aluminum/Natural
1"	FIRG114Q	FIRG21Q	816005012	816005013	Aluminum/Natural



SPARE KIT SEAL FOR MALE

Repair kit / OR+BK		
Body Size	Description	Part Number
3/8"	M FL9	815700247
1/2"	M FL13	815700249
5/8"	M FL15	815700251
3/4"	M FL17	815700253
1"	M FL21	815700255
1-1/2"	M FL30	815700525
2"	M FL45	815700798

Back-up ring
(Teflon®)

o-ring

O-Ring in FKM (VITON®)
BackUp in Teflon®

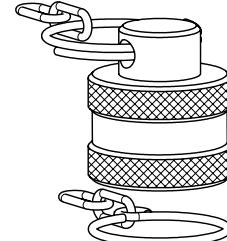
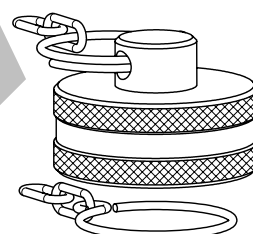
PROTECTIVE CAPS FOR FL SERIES

Protective caps are always recommended to protect the couplings from damage, dirt inclusion, and will increase the product life. This is particularly important in mobile applications where exposure to weather and aggregate materials are common.

The protective caps for FL couplings are manufactured in aluminum with lanyard (colors: natural aluminum).

Cap for FEMALE coupling
Aluminum

Cap for MALE coupling
Aluminum



Body Size/Description		Protective Cap		Material/Color
		Cap for Female	Cap for Male	
1/4"	FL7	816005002	816005003	Aluminum/Natural
3/8"	FL9	816005004	816005005	Aluminum/Natural
1/2"	FL13	816005006	816005007	Aluminum/Natural
5/8"	FL15	816005008	816005009	Aluminum/Natural
3/4"	FL17	816005010	816005011	Aluminum/Natural
1"	FL21	816005012	816005013	Aluminum/Natural
1-1/2"	FL30	815105014	815105017	Aluminum/Natural
2"	FL45	815105016	815105019	Aluminum/Natural

The protective caps for FL couplings are also available in plastic (see A series caps at page 39).

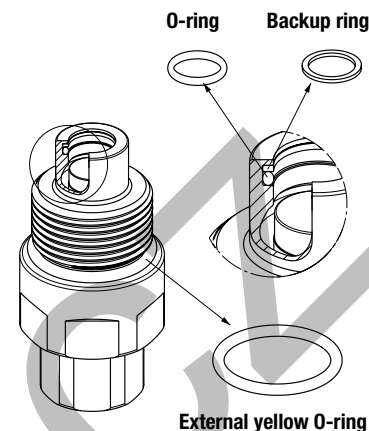


SPARE KIT SEAL FOR MALE

Repair kit / OR+BK+EXTERNAL OR		
Body Size	Description	Part Number
1/4"	M VEP7	815700735
3/8"	M VEP9P	815700736
1/2"	M VEP13P	815700737
5/8"	M VEP15P	815700738
3/4"	M VEP17P	815700739
1"	M VEP21P	815700740
1-1/2"	M VEP30P*	815700741
2"	M VEP45P	815700728

* OR + O-Ring holder

O-Ring in Nitrile
BackUp in Teflon®



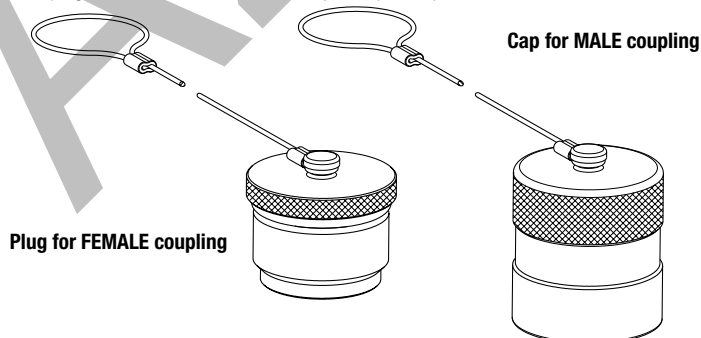
PROTECTIVE CAPS FOR VEP-P SERIES

Protective caps are always recommended to protect the couplings from damage, dirt inclusion, and will increase the product life. This is particularly important in mobile applications where exposure to weather and aggregate materials are common.

For VEP-P two solutions are available:

- threaded aluminum cap with lanyard (standard colors: natural aluminum, other colors available upon request)
- threaded plastic cap with lanyard (standard color black).

Caps and plugs are also available without lanyard, upon request.



Protective Cap				
Body Size/Description:		Part Number		Material/Color
		Plug for Female	Cap for Male	
1/4"	VEP7	815305070	815305071	Aluminum/Natural
3/8"	VEP9	815305072	815305073	Aluminum/Natural
1/2"	VEP13	815305074	815305075	Aluminum/Natural
5/8"	VEP15	815305076	815305077	Aluminum/Natural
3/4"	VEP17	815305078	815305079	Aluminum/Natural
1"	VEP21	815305080	815305081	Aluminum/Natural
1-1/2"	VEP30	815305082	815305083	Aluminum/Natural
2"	VEP45	815305042	815305043	Aluminum/Natural

Protective Cap				
Body Size/Description:		Part Number		Material/Color
		Plug for Female	Cap for Male	
1/2"	VEP13	815303128	815303129	Plastic/Black
5/8"	VEP15	815303130	815303131	Plastic/Black
3/4"	VEP17	815303132	815303133	Plastic/Black
1"	VEP21	815303134	815303135	Plastic/Black
1-1/2"	VEP30	815303136	815303137	Plastic/Black

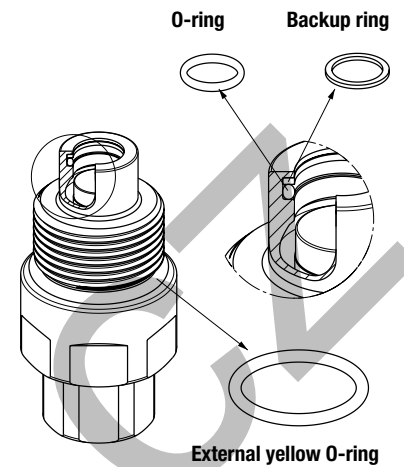
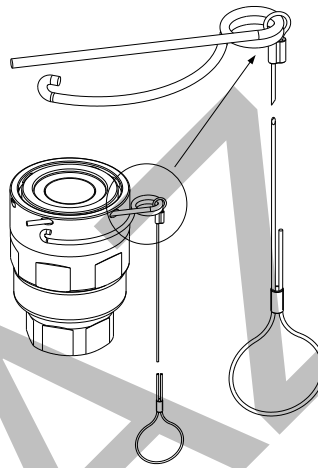


SPARE KIT SEAL & KIT COTTER

Repair kit / OR+BK+EXTERNAL OR		
Body Size	Description	Part Number
5/8"	M VEP15HD	815700738
3/4"	M VEP17HD	815700739
1"	M VEP21HD	815700740
1-1/4"	M VEP25HD	815701275
1-1/2"	M VEP30HD*	815700741

* OR + O-Ring holder

O-Ring in Nitrile
BackUp in Teflon®



FLAT FACE SCREW

Kit Cotter VEP-HDL version		
Body Size	Description	Part Number
Ask to sales department		

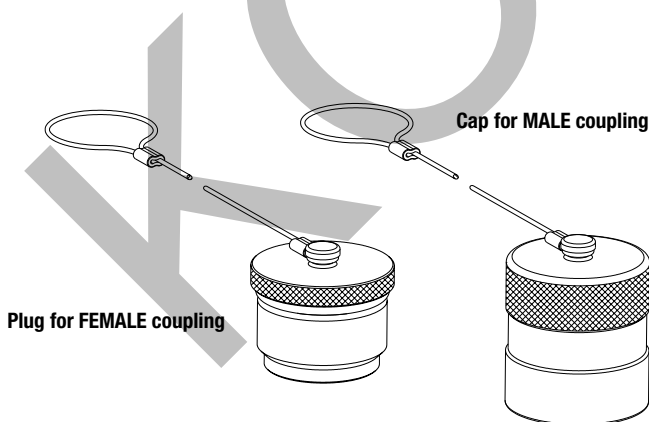
PROTECTIVE CAPS FOR VEP-HD SERIES

Protective caps are always recommended to protect the couplings from damage, dirt inclusion, and will increase the product life. This is particularly important in mobile applications where exposure to weather and aggregate materials are common.

Two solutions are available.

- threaded aluminum caps with lanyard (standard colors: natural aluminum, other colors available upon request)
- threaded plastic caps with lanyard (standard color black).

Caps and plugs are also available without lanyard, upon request.



Protective Cap				
Body Size/Description		Part Number		Material/Color
		Plug for Female	Cap for Male	
5/8"	VEP15	815305076	815305077	Aluminum/Natural
3/4"	VEP17	815305078	815305079	Aluminum/Natural
1"	VEP21	815305080	815305081	Aluminum/Natural
1-1/4"	VEP25	815305148	815305149	Aluminium/Natural
1-1/2"	VEP30	815305082	815305083	Aluminum/Natural

Protective Cap				
Body Size/Description		Part Number		Material/Color
		Plug for Female	Cap for Male	
5/8"	VEP15	815303130	815303131	Plastic/Black
3/4"	VEP17	815303132	815303133	Plastic/Black
1"	VEP21	815303134	815303135	Plastic/Black
1-1/4"	VEP25	815303150	815303151	Plastic/Black
1-1/2"	VEP30	815303136	815303137	Plastic/Black

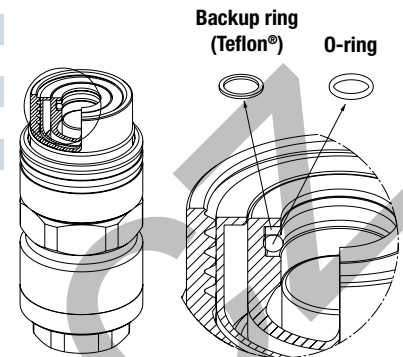


SPARE KIT SEAL FOR MALE

Repair kit / OR+BK		
Body Size	Description	Part Number
1/4"	M VP7	815700519
3/8"	M VP9P	815701096
1/2"	M VP13P	815700339
5/8"	M VP15P	815700341
3/4"	M VP17P	815700655
1"	M VP21P	815700345
1-1/2"	M VP30P*	815700697

* Kit replacement O-Ring Holder + O-Ring

O-Ring in NBR
BackUp in Teflon®

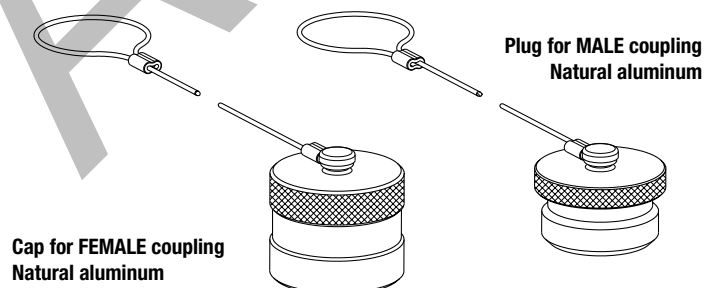


PROTECTIVE CAPS FOR VP-P SERIES

Protective caps are always recommended to protect the couplings from damage, dirt inclusion, and will increase the product life. This is particularly important in mobile applications where exposure to weather and aggregate materials are common.

For the VP-P series aluminum screw caps complete with lanyard are available (standard colors: natural aluminum, other colors available upon request).

Caps and plugs are also available without lanyard, upon request.



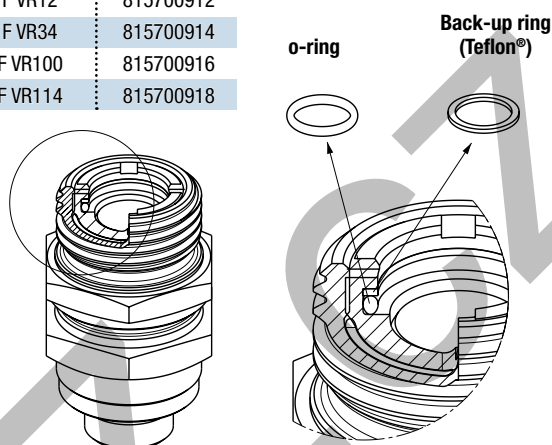
Body Size/Description	Protective Cap		Material/Color
	Part Number	Part Number	
	Cap for Female	Plug for Male	
1/4" VP7	815305050	815305051	Aluminum/Natural
3/8" VP9P	815305052	815305053	Aluminum/Natural
1/2" VP13P	815305054	815305055	Aluminum/Natural
5/8" VP15P	815305056	815305057	Aluminum/Natural
3/4" VP17P	815305058	815305059	Aluminum/Natural
1" VP21P	815305060	815305061	Aluminum/Natural
1-1/2" VP30P	815305062	815305063	Aluminum/Natural



SPARE KIT SEAL FOR FEMALE

Repair kit / OR+BK		
Body Size	Description	Part Number
3/8"	F VR38	815700902
1/2"	F VR12	815700912
3/4"	F VR34	815700914
1"	F VR100	815700916
1-1/4"	F VR114	815700918

O-Ring in NBR
BackUp in Teflon®



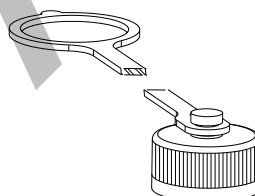
PROTECTIVE CAPS FOR VR SERIES

Protective caps are always recommended to protect the couplings from damage, dirt inclusion, and will increase the product life. This is particularly important in mobile applications where exposure to weather and aggregate materials are common.

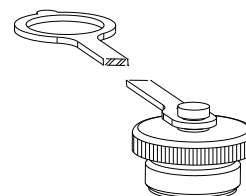
Are available two models of protection caps for VR couplings:

- manufactured in plastic with connection lanyard (standard color: red, other colors available upon request)
- manufactured in aluminum screw caps with lanyard (standard color aluminum)

Cap for FEMALE coupling
Red Plastic

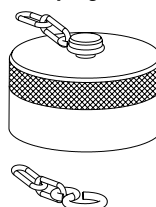


Plug for MALE coupling
Red Plastic

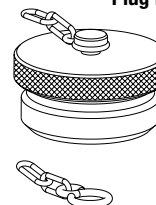


Protective Cap				
Body Size		Part Number		Material/Color
		Cap for Female	Plug for Male	
3/8"	VR38	814900012	814900013	Plastic/Red
1/2"	VR12	814900014	814900015	Plastic/Red

Cap for FEMALE coupling
Aluminum



Plug for MALE coupling
Aluminum

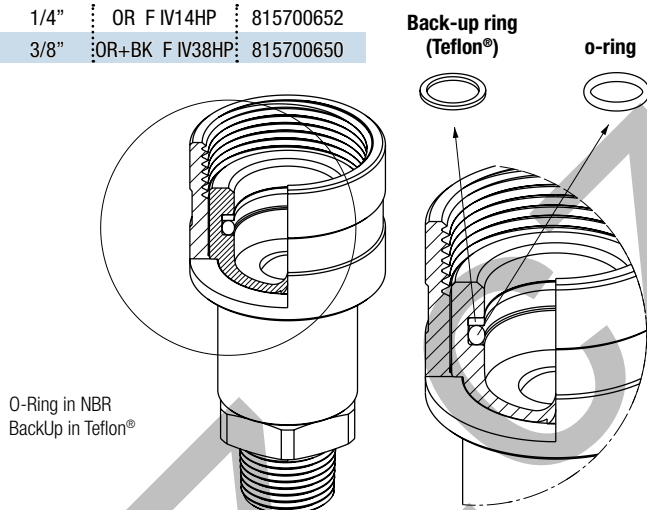


Protective Cap				
Body Size		Part Number		Material/Color
		Cap for Female	Plug for Male	
3/4"	VR34	814906016	814906017	Aluminum/Natural
1"	VR100	814906018	814906019	Aluminum/Natural
1-1/4"	VR114	814906020	814906021	Aluminum/Natural



SPARE KIT SEAL FOR FEMALE

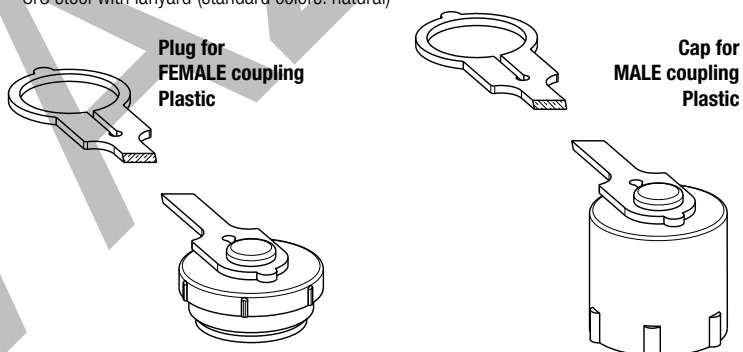
Repair kit / OR (+BK)		
Body Size	Description	Part Number
1/4"	OR F IV14HP	815700652
3/8"	OR+BK F IV38HP	815700650



PROTECTIVE CAPS FOR IV-HP SERIES

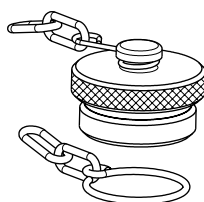
Protective caps are always recommended to protect the couplings from damage, dirt inclusion, and will increase the product life. For the IV-HP series are available two kind of materials:

- Plastic caps with lanyard (standard color: black)
- Cr3 steel with lanyard (standard colors: natural)

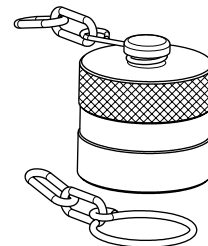


Protective Cap			
Body Size/Description	Part Number		Material/Color
	Plug for Female	Cap for Male	
1/4" IV14HP	815603010	815603011	Plastic/Black
3/8" IV38HP	815603012	815603013	Plastic/Black

Plug for FEMALE coupling Carbon Steel



Cap for MALE coupling Carbon Steel



Protective Cap			
Body Size/Description	Part Number		Material/Color
	Plug for Female	Cap for Male	
1/4" IV14HP	815605004	815605005	Carbon steel/Chrome 3
3/8" IV38HP	815605002	815605003	Carbon steel/Chrome 3