

CARSO - LABORATOIRE SANTÉ ENVIRONNEMENT HYGIÈNE DE LYON

Laboratoire Agréé pour les analyses d'eaux par le Ministère de la Santé

Laboratoire habilité par le Ministère chargé de la santé en application de l'article R*.1321-52 du code de la santé publique

ATTESTATION DE CONFORMITE SANITAIRE

Certificate of sanitary conformity

Conformément à l'arrêté du 29 mai 1997 modifié et à la circulaire du Ministère de la Santé
Direction Générale de la Santé DGS/SD7A N° 571 du 25 Novembre 2002

Coordonnées du demandeur d'ACS / Contact details of the ACS owner :

RACCORDERIE METALLICHE S.P.A.

Strada Sabbionetana, 59

46010 CAMPITELLO DI MARCARIA

Italie

Nom de l'accessoire représentatif / Reference of the representative accessory :

Manchon Aespres UNIKO / Aespres UNIKO coupling Réf 683015000U

N° de dossier attribué par le laboratoire habilité / File reference :

23 ACC LY 158

Date de réalisation des essais d'inertie selon la norme XP P41-280 : aucun essai n'est nécessaire pour délivrer cette ACS.

Tests date (according to the standard XP P 41-280): A testing is not required to issue this ACS.

Commentaires: Les composants organiques sont conformes à l'arrête du 29 mai 1997 modifié. Les composants métalliques sont conformes à l'arrête du 25 juin 2020.

Comments: Organic components are compliant with the decree dated 29th May 1997 modified. Metallic components are compliant with the decree dated 25th June 2020.

Famille d'accessoires couverte par l'ACS / Accessories' family covered by this certificate :

Raccords à sertir Aespres UNIKO / Press fittings Aespres UNIKO

Références / References (258 references) :

Voir annexe Jointe / See Annex Enclosed
(7 pages)

Attestation délivrée par / Certificate issued by :

Christelle AUTUGELLE

Signature :

Responsable MCDE

CARSO - L.S.E.H.L.

Date de délivrance / Date of issue : 14 Avril 2023

Date d'expiration / Expiry date : 14 Avril 2028

Commentaires / Comments : /

F_MC060-b 15/09/2014 MLN

Société par action simplifiée au capital de 2 283 622,38 Euros - RCS Lyon B 410 545 313 - SIRET 410 545 313 00042 - APE 743 B - N° TVA : FR 82 410 545 313

Siège Social et laboratoire : 4, avenue Jean Moulin - CS 30228 - F - 69633 VENISSIEUX cedex - Tél. : (33) 04 72 76 16 16 - Fax : (33) 04 78 72 35 03

Site web : www.groupecarso.com - e-mail : mcde@groupecarso.com

ANNEXE à l'ACS 23 ACC LY 158

Raccords à sertir Aespres UNIKO couvert par l'ACS / Press fittings Aespres UNIKO covered with ACS
23 ACC LY 158

Code	Description
681012450U	Aespres Uniko elbow 45° FF Ø 12
681015450U	Aespres Uniko elbow 45° FF Ø 15
681018450U	Aespres Uniko elbow 45° FF Ø 18
681022450U	Aespres Uniko elbow 45° FF Ø 22
681028450U	Aespres Uniko elbow 45° FF Ø 28
681035450U	Aespres Uniko elbow 45° FF Ø 35
681042450U	Aespres Uniko elbow 45° FF Ø 42
681054450U	Aespres Uniko elbow 45° FF Ø 54
681012451U	Aespres Uniko elbow 45° MF Ø 12
681015451U	Aespres Uniko elbow 45° MF Ø 15
681018451U	Aespres Uniko elbow 45° MF Ø 18
681022451U	Aespres Uniko elbow 45° MF Ø 22
681028451U	Aespres Uniko elbow 45° MF Ø 28
681035451U	Aespres Uniko elbow 45° MF Ø 35
681042451U	Aespres Uniko elbow 45° MF Ø 42
681054451U	Aespres Uniko elbow 45° MF Ø 54
681012900U	Aespres Uniko elbow 90° FF Ø 12
681015900U	Aespres Uniko elbow 90° FF Ø 15
681018900U	Aespres Uniko elbow 90° FF Ø 18
681022900U	Aespres Uniko elbow 90° FF Ø 22
681028900U	Aespres Uniko elbow 90° FF Ø 28
681035900U	Aespres Uniko elbow 90° FF Ø 35
681042900U	Aespres Uniko elbow 90° FF Ø 42
681054900U	Aespres Uniko elbow 90° FF Ø 54
681012901U	Aespres Uniko elbow 90° MF Ø 12
681015901U	Aespres Uniko elbow 90° MF Ø 15
681018901U	Aespres Uniko elbow 90° MF Ø 18
681022901U	Aespres Uniko elbow 90° MF Ø 22
681028901U	Aespres Uniko elbow 90° MF Ø 28
681035901U	Aespres Uniko elbow 90° MF Ø 35
681042901U	Aespres Uniko elbow 90° MF Ø 42
681054901U	Aespres Uniko elbow 90° MF Ø 54
697308012U	Aespres Uniko elbow 90° MF 3/8"x12
697102012U	Aespres Uniko elbow 90° MF 1/2"x12
697308015U	Aespres Uniko elbow 90° MF 3/8"x15
697102015U	Aespres Uniko elbow 90° MF 1/2"x15
697102018U	Aespres Uniko elbow 90° MF 1/2"x18
697304018U	Aespres Uniko elbow 90° MF 3/4"x18



ANNEXE à l'ACS 23 ACC LY 158

**Raccords à sertir Aespres UNIKO couvert par l'ACS / Press fittings Aespres UNIKO covered with ACS
 23 ACC LY 158 (suite / Ist)**

Code	Description
697304022U	Aespres Uniko elbow 90° MF 3/4"x22
697100028U	Aespres Uniko elbow 90° MF 1"x28
697114035U	Aespres Uniko elbow 90° MF 1"1/4x35
697112042U	Aespres Uniko elbow 90° MF 1"1/2x42
697200054U	Aespres Uniko elbow 90° MF 2"x54
698308012U	Aespres Uniko elbow 90° FF 3/8"x12
698102012U	Aespres Uniko elbow 90° FF 1/2"x12
698308015U	Aespres Uniko elbow 90° FF 3/8"x15
698102015U	Aespres Uniko elbow 90° FF 1/2"x15
698304015U	Aespres Uniko elbow 90° FF 3/4"x15
698102018U	Aespres Uniko elbow 90° FF 1/2"x18
698304018U	Aespres Uniko elbow 90° FF 3/4"x18
698102022U	Aespres Uniko elbow 90° FF 1/2"x22
698304022U	Aespres Uniko elbow 90° FF 3/4"x22
698100022U	Aespres Uniko elbow 90° FF 1"x22
698304028U	Aespres Uniko elbow 90° FF 3/4"x28
698100028U	Aespres Uniko elbow 90° FF 1"x28
698114035U	Aespres Uniko elbow 90° FF 1"1/4x35
698112042U	Aespres Uniko elbow 90° FF 1"1/2x42
698200054U	Aespres Uniko elbow 90° FF 2"x54
682012000U	Aespres Uniko equal tee Ø 12
682015000U	Aespres Uniko equal tee Ø 15
682018000U	Aespres Uniko equal tee Ø 18
682022000U	Aespres Uniko equal tee Ø 22
682028000U	Aespres Uniko equal tee Ø 28
682035000U	Aespres Uniko equal tee Ø 35
682042000U	Aespres Uniko equal tee Ø 42
682054000U	Aespres Uniko equal tee Ø 54
692015012U	Aespres Uniko reducing tee 15x12x15
692018012U	Aespres Uniko reducing tee 18x12x18
692018015U	Aespres Uniko reducing tee 18x15x18
692022012U	Aespres Uniko reducing tee 22x12x22
692022015U	Aespres Uniko reducing tee 22x15x22
692022018U	Aespres Uniko reducing tee 22x18x22
692028015U	Aespres Uniko reducing tee 28x15x28
692028018U	Aespres Uniko reducing tee 28x18x28
692028022U	Aespres Uniko reducing tee 28x22x28
692035015U	Aespres Uniko reducing tee 35x15x35
692035018U	Aespres Uniko reducing tee 35x18x35
692035022U	Aespres Uniko reducing tee 35x22x35

ANNEXE à l'ACS 23 ACC LY 158

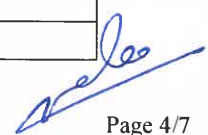
Raccords à sertir Aespres UNIKO couvert par l'ACS / Press fittings Aespres UNIKO covered with ACS
23 ACC LY 158 (suite / 2nd)

Code	Description
692035028U	Aespres Uniko reducing tee 35x28x35
692042022U	Aespres Uniko reducing tee 42x22x42
692042028U	Aespres Uniko reducing tee 42x28x42
692042035U	Aespres Uniko reducing tee 42x35x42
692054022U	Aespres Uniko reducing tee 54x22x54
692054028U	Aespres Uniko reducing tee 54x28x54
692054035U	Aespres Uniko reducing tee 54x35x54
692054042U	Aespres Uniko reducing tee 54x42x54
689102012U	Aespres Uniko tee F 1/2"x12
689308015U	Aespres Uniko tee F 3/8"x15
689102015U	Aespres Uniko tee F 1/2"x15
689102018U	Aespres Uniko tee F 1/2"x18
689102022U	Aespres Uniko tee F 1/2"x22
689304022U	Aespres Uniko tee F 3/4"x22
689102028U	Aespres Uniko tee F 1/2"x28
689304028U	Aespres Uniko tee F 3/4"x28
689100028U	Aespres Uniko tee F 1"x28
689102035U	Aespres Uniko tee F 1/2"x35
689102042U	Aespres Uniko tee F 1/2"x42
689102054U	Aespres Uniko tee F 1/2"x54
683012000U	Aespres Uniko coupling Ø 12
683015000U	Aespres Uniko coupling Ø 15
683018000U	Aespres Uniko coupling Ø 18
683022000U	Aespres Uniko coupling Ø 22
683028000U	Aespres Uniko coupling Ø 28
683035000U	Aespres Uniko coupling Ø 35
683042000U	Aespres Uniko coupling Ø 42
683054000U	Aespres Uniko coupling Ø 54
683012001U	Aespres Uniko slip coupling Ø 12
683015001U	Aespres Uniko slip coupling Ø 15
683018001U	Aespres Uniko slip coupling Ø 18
683022001U	Aespres Uniko slip coupling Ø 22
683028001U	Aespres Uniko slip coupling Ø 28
683035001U	Aespres Uniko slip coupling Ø 35
683042001U	Aespres Uniko slip coupling Ø 42
683054001U	Aespres Uniko slip coupling Ø 54
683015012U	Aespres Uniko valve connector 1/2"x15
683015002U	Aespres Uniko valve connector 3/4"x15
683018002U	Aespres Uniko valve connector 3/4"x18
683022012U	Aespres Uniko valve connector 3/4"x22

ANNEXE à l'ACS 23 ACC LY 158

Raccords à sertir Aespres UNIKO couvert par l'ACS / *Press fittings Aespres UNIKO covered with ACS*
 23 ACC LY 158 (suite / 3rd)

Code	Description
683022002U	Aespres Uniko valve connector 1"x22
683028012U	Aespres Uniko valve connector 1"x28
683028002U	Aespres Uniko valve connector 1"1/4x28
683028022U	Aespres Uniko valve connector 1"1/2x28
683035012U	Aespres Uniko valve connector 1"1/4x35
683035002U	Aespres Uniko valve connector 1"1/2x35
683042022U	Aespres Uniko valve connector 1"1/2x42
683042002U	Aespres Uniko valve connector 2"x42
683054022U	Aespres Uniko valve connector 2"x54
683054002U	Aespres Uniko valve connector 2"1/2x54
683012003U	Aespres Uniko stop end Ø 12
683015003U	Aespres Uniko stop end Ø 15
683018003U	Aespres Uniko stop end Ø 18
683022003U	Aespres Uniko stop end Ø 22
683028003U	Aespres Uniko stop end Ø 28
683035003U	Aespres Uniko stop end Ø 35
683042003U	Aespres Uniko stop end Ø 42
683054003U	Aespres Uniko stop end Ø 54
687308012U	Aespres Uniko adapter male 3/8"x12
687102012U	Aespres Uniko adapter male 1/2"x12
687308015U	Aespres Uniko adapter male 3/8"x15
687102015U	Aespres Uniko adapter male 1/2"x15
687304015U	Aespres Uniko adapter male 3/4"x15
687102018U	Aespres Uniko adapter male 1/2"x18
687304018U	Aespres Uniko adapter male 3/4"x18
687102022U	Aespres Uniko adapter male 1/2"x22
687304022U	Aespres Uniko adapter male 3/4"x22
687100022U	Aespres Uniko adapter male 1"x22
687304028U	Aespres Uniko adapter male 3/4"x28
687100028U	Aespres Uniko adapter male 1"x28
687114028U	Aespres Uniko adapter male 1"1/4x28
687100035U	Aespres Uniko adapter male 1"x35
687114035U	Aespres Uniko adapter male 1"1/4x35
687112035U	Aespres Uniko adapter male 1"1/2x35
687114042U	Aespres Uniko adapter male 1"1/4x42
687112042U	Aespres Uniko adapter male 1"1/2x42
687112054U	Aespres Uniko adapter male 1"1/2x54
687200054U	Aespres Uniko adapter male 2"x54
690308012U	Aespres Uniko adapter female 3/8"x12
690102012U	Aespres Uniko adapter female 1/2"x12



ANNEXE à l'ACS 23 ACC LY 158

Raccords à sertir Aespres UNIKO couvert par l'ACS / Press fittings Aespres UNIKO covered with ACS
 23 ACC LY 158 (suite / 4th)

Code	Description
690308015U	Aespres Uniko adapter female 3/8"x15
690102015U	Aespres Uniko adapter female 1/2"x15
690304015U	Aespres Uniko adapter female 3/4"x15
690102018U	Aespres Uniko adapter female 1/2"x18
690304018U	Aespres Uniko adapter female 3/4"x18
690102022U	Aespres Uniko adapter female 1/2"x22
690304022U	Aespres Uniko adapter female 3/4"x22
690100022U	Aespres Uniko adapter female 1"x22
690102028U	Aespres Uniko adapter female 1/2"x28
690304028U	Aespres Uniko adapter female 3/4"x28
690100028U	Aespres Uniko adapter female 1"x28
690114028U	Aespres Uniko adapter female 1"1/4x28
690304035U	Aespres Uniko adapter female 3/4"x35
690100035U	Aespres Uniko adapter female 1"x35
690114035U	Aespres Uniko adapter female 1"1/4x35
690114042U	Aespres Uniko adapter female 1"1/4x42
690112042U	Aespres Uniko adapter female 1"1/2x42
690200054U	Aespres Uniko adapter female 2"x54
691015012U	Aespres Uniko reducer MF 15x12
691018012U	Aespres Uniko reducer MF 18x12
691018015U	Aespres Uniko reducer MF 18x15
691022015U	Aespres Uniko reducer MF 22x15
691022018U	Aespres Uniko reducer MF 22x18
691028015U	Aespres Uniko reducer MF 28x15
691028018U	Aespres Uniko reducer MF 28x18
691028022U	Aespres Uniko reducer MF 28x22
691035022U	Aespres Uniko reducer MF 35x22
691035028U	Aespres Uniko reducer MF 35x28
691042022U	Aespres Uniko reducer MF 42x22
691042028U	Aespres Uniko reducer MF 42x28
691042035U	Aespres Uniko reducer MF 42x35
691054035U	Aespres Uniko reducer MF 54x35
691054042U	Aespres Uniko reducer MF 54x42
684012001U	Aespres Uniko flat faced union Ø 12
684015001U	Aespres Uniko flat faced union Ø 15
684018001U	Aespres Uniko flat faced union Ø 18
684022001U	Aespres Uniko flat faced union Ø 22
684028001U	Aespres Uniko flat faced union Ø 28
684035001U	Aespres Uniko flat faced union Ø 35
684042001U	Aespres Uniko flat faced union Ø 42

ANNEXE à l'ACS 23 ACC LY 158

Raccords à sertir Aespres UNIKO couvert par l'ACS / Press fittings Aespres UNIKO covered with ACS
 23 ACC LY 158 (suite / 5th)


Code	Description
684054001U	Aespres Uniko flat faced union Ø 54
684012012U	Aespres Uniko union male 3/8"x12
684012002U	Aespres Uniko union male 1/2"x12
684015002U	Aespres Uniko union male 1/2"x15
684015012U	Aespres Uniko union male 3/4"x15
684018002U	Aespres Uniko union male 1/2"x18
684018012U	Aespres Uniko union male 3/4"x18
684022022U	Aespres Uniko union male 1/2"x22
684022002U	Aespres Uniko union male 3/4"x22
684022012U	Aespres Uniko union male 1"x22
684028012U	Aespres Uniko union male 3/4"x28
684028002U	Aespres Uniko union male 1"x28
684035002U	Aespres Uniko union male 1"1/4x35
684042002U	Aespres Uniko union male 1"1/2x42
684054002U	Aespres Uniko union male 2"x54
669102112U	Aespres Uniko red. socket M 1/2"x12
669102115U	Aespres Uniko red. socket M 1/2"x15
669102118U	Aespres Uniko red. socket M 1/2"x18
669304118U	Aespres Uniko red. socket M 3/4"x18
669102122U	Aespres Uniko red. socket M 1/2"x22
669304122U	Aespres Uniko red. socket M 3/4"x22
669304128U	Aespres Uniko red. socket M 3/4"x28
669100128U	Aespres Uniko red. socket M 1"x28
669114135U	Aespres Uniko red. socket M 1"1/4x35
669112142U	Aespres Uniko red. socket M 1"1/2x42
669200154U	Aespres Uniko red. socket M 2"x54
669308012U	Aespres Uniko red. socket F 3/8"x12
669102012U	Aespres Uniko red. socket F 1/2"x12
669308015U	Aespres Uniko red. socket F 3/8"x15
669102015U	Aespres Uniko red. socket F 1/2"x15
669102018U	Aespres Uniko red. socket F 1/2"x18
669304018U	Aespres Uniko red. socket F 3/4"x18
669102022U	Aespres Uniko red. socket F 1/2"x22
669304022U	Aespres Uniko red. socket F 3/4"x22
669304028U	Aespres Uniko red. socket F 3/4"x28
669100028U	Aespres Uniko red. socket F 1"x28
669114035U	Aespres Uniko red. socket F 1"1/4x35
669112042U	Aespres Uniko red. socket F 1"1/2x42
669200054U	Aespres Uniko red. socket F 2"x54

ANNEXE à l'ACS 23 ACC LY 158

Raccords à sertir Aespres UNIKO couvert par l'ACS / *Press fittings Aespres UNIKO covered with ACS*
23 ACC LY 158 (suite et fin / 6th and end)

Code	Description
685102012U	Aespres Uniko wall plate female 1/2"x12
685102015U	Aespres Uniko wall plate female 1/2"x15
685102018U	Aespres Uniko wall plate female 1/2"x18
685304022U	Aespres Uniko wall plate female 3/4"x22
685102315U	Aespres Uniko corner tee w./flg 15x1/2"
685102318U	Aespres Uniko corner tee w./flg 18x1/2"
685102322U	Aespres Uniko corner tee w./flg 22x1/2"
679012001U	Aespres Uniko pipe bridge MF Ø 12
679015001U	Aespres Uniko pipe bridge MF Ø 15
679018001U	Aespres Uniko pipe bridge MF Ø 18
679022001U	Aespres Uniko pipe bridge MF Ø 22
679012002U	Aespres Uniko pipe bridge FF Ø 12
679015002U	Aespres Uniko pipe bridge FF Ø 15
679018002U	Aespres Uniko pipe bridge FF Ø 18
679022002U	Aespres Uniko pipe bridge FF Ø 22
683015014U	Aespres Uniko FF adapter 15x14
683015016U	Aespres Uniko FF adapter 15x16
683018016U	Aespres Uniko FF adapter 18x16
669014015U	Aespres Uniko FM adapter 14x15
669016015U	Aespres Uniko FM adapter 16x15
669016018U	Aespres Uniko FM adapter 16x18

Christelle AUTUGELLE
Responsable Laboratoire MCDE

Signature : 
A la date du : 14 Avril 2023