**CHANGES MADE ON THE 2019 INDUSTRIAL CATALOGUE ISSUE**

The 2019 edition of the Industrial Catalogue has been issued on AG Website. Here the changes and updates:

HOSE

1. A new icon was added to identify hoses incorporating antistatic wire in the construction.

According to ISO 8031 these hoses are classified as “electrically bonded – grade M”: the electrical resistance along the bonding wires, in case of hoses, or the resistance between fittings, in case of hose assemblies, shall not exceed 10^2 Ω per length.



The new icon was shown on all hoses which incorporate asw (e.g. 344AH, 343AH, 760LA/LB, 659AA…).

1. The “Phthalate free” icon changed into “Phthalate and bisphenol A free”



and was added also on all liquid food rubber hoses (e.g. 402LE, 405LE…).

1. 155AA 51x63 deleted.

No sales.

1. 179AA/AB replaced by 8K7 AUTOLOCK.
2. 160AA
* UIC standard was removed, as the hose does not fully comply with it.
* added edition of AS 2435: 1992   the AS standard was withdrawn, but is still required by our main customers in Australia and can be used as reference norm.
1. 223AA temperature range changed from -30 °C +100 °C to -40 °C + 100 °C depending on conveyed chemical, like on 202AA.
2. 2P1AA EVOLUTION PLUS Water-slurry S&D – Square corrugated

Added.

1. 722AA Cassette hose for sewer cleaning and waste suction vehicles

Added.

1. 283AA Fire reel 12 bar

Removed as it did not fully comply with EN 694/A2.

We are improving the hose which will be added again into the catalogue as soon as possible.

1. 230AH Fire water ISO 15540

Added.

1. 352AA the hose meets DIN 73411 Class A, as far as the compound requirements is concerned.

We do not use aramidic reinforcement, as required by the norm.

So we added both in the tube and cover description “DIN 73411 compliant”.

1. 395BT

We changed the working pressure/burst pressure at 70 °C from 50 to 40 bar, as Tricoflex Super Thermoclean 40 hose.

Min burst pressure at 20 °C: 240 bar.

1. 3-A Sanitary Standard 18-03 added on 350, 405, 417, 455 and 450 and in the Food Hose identification Table.

3-A Sanitary Standard 18-03 = Sanitary Standards for Multiple-Use Rubber and Rubber-Like Materials Used as Product Contact Surfaces in Dairy Equipment.

The standard does establish four classes of rubber mainly delineated by the expected temperature of exposure to product or sterilization.

1. Steam hose 18 bar steel braided with red cover according to EN ISO 6134.

We incorporated antistatic wire in the hose construction, mentioned the asw in the reinforcement description and named the hose type M according to EN ISO 6134.

1. Food Hose Identification Table

Added max 80 °C on NBR tube hose when used with acidic food.

1. Bulk Material Chapter

The following new hoses were added:

* 7P1AA EVOLUTION PLUS Bulk material S&D – Square corrugated
	+ 722AA Cassette hose for sewer cleaning and waste suction vehicles
* 704HA Industrial vacuum – Corrugated
* 719AA Abrasive slurry 10 bar – Corrugated
1. 753AH and AG removed.
2. 974 and 975AH removed and replaced by extended range of 954AH EVOLUTION Multipurpose 20 bar – non conductive.
3. 955AA DEF urea solution 20 bar

Added.

1. In the application description of 503, 529, 619 we added “suitable to be used in potentially explosive environment”, that is the hoses are able to dissipate electrostatic charges when used in assemblies which shall conform to ATEX requirements.
2. 671AA has been removed as the aim is to replace it with 654AA.
3. 654AA  EVOLUTION Multi fuel 20 bar SAE J30R7

Added.

1. 605AA

MSHA icon added.

The cover compound was certified MSHA.

1. 6P1AA EVOLUTION PLUS Fuel-oil 10 bar – Square corrugated

Added.

1. 659AA ID 13 and 16mm added.
2. 289GG removed.
3. 141AA ID 76mm removed.
4. 241AA Id 19mm removed.
5. 765AA AS 2660 added.
6. The following two new hoses were added also in the mining chapter

704HA Industrial vacuum – Corrugated

719AA Abrasive slurry 10 bar – Corrugated

FITTINGS

1. ALFACRIMP COMBINATION NIPPLE

NPT Male complete with pre-crimped ferrule

* Extended the range with the pre-crimped ferrule suitable for very thick-wall hoses (DN 3”-6”), in plated steel and stainless steel 316:

Codes:

I1728M0**D**-xxxXXX   plated steel

I3728M0**D**- xxxXXX  stainless steel

1. ALFACRIMP COMBINATION NIPPLE

NPT Male complete with pre-crimped ferrule - Offshore - for Hook hose lifter -

* Added the full range in Plated steel and in Stainless steel 316

Codes:

I37F8M0x-xxxXXX  plated steel

I17F8M0x-xxxXXX  stainless steel

1. COMBINATION NIPPLE FOR SERRATED FERRULE

NPT Male - Serrated hose shank with collar –

* Added  DN 8” in Plated steel and in Stainless steel 316

Codes:

I1728100-203219  plated steel

I3728100-203219  stainless steel

1. SHOULDERED STYLE

Hardened steel hose shank complete with pre-crimped ferrule

* Added Shouldered 4”1/2 coupling for hose 76mm

Code:  IV39RL00-076127

1. FIXED FLANGE - SLIP ON RF - ASA 150

Serrated hose shank with pre-crimped ferrule

* Extended the range with the pre-crimped ferrule suitable for very thick-wall hoses (DN 3”-6”), in plated steel and stainless steel 316

Codes:

I17BEW7B-00**D**xxx  plated steel

I37BEW7B-00**D**xxx  stainless steel

1. SWIVEL FLANGE - LAP JOINT FF - ASA 150

Serrated hose shank with pre-crimped ferrule - Plated steel

* Extended the range with the pre-crimped ferrule suitable for very thick-wall hoses (DN 3”-6”), in plated steel and stainless steel 316

Codes:

I17BET9A-00**D**xxx  plated steel

I37BET9A-00**D**xxx  stainless steel

1. I107U-AF            Serrated ferrule - Plated steel
* Extended the range with the ferrule suitable for very thick-wall hose DN 8” (OD240-249mm), in plated steel and stainless steel 316

Codes:

I107U203-DOK251  plated steel

I307U203-DOK251  stainless steel

1. FIXED FLANGE - MUFF COUPLING - PN 10 / ASA150 / TABLE D-E

ALFATRACTO 719 - Muff coupling - Designed for 719AA corrugated cover hose – Aluminium

* Added  all the product range (DN 2” -12”)

Codes: I5MFU61A-AC0xxx

1. I307U-RK            Serrated ferrule - Stainless steel 316
* Extended the range with some sizes suitable to be crimped with hygienic couplings and Alfagomma rubber hoses

the following fittings were **cancelled** from the catalogue:

1. In Chapter WATER:

VIDANGE     Male - Hose shank - Brass

VIDANGE     Female complete with seal - Hose shank - Brass

1. In Chapter AVIATION:

I5906100-xxxXXX   BSPP MALE THREADED FITTING    BSPP Male - Serrated hose shank with collar suitable also for safety clamps EN 24 420-3 / DIN 2817 - Aluminum

Into the **APPENDIX** of the Industrial catalogue 2019,

it was added the table:    **“INDUSTRIAL HOSE & RECOMMENDED HYDRAULIC FERRULE WITH HYDRAULIC FITTINGS”.**

The table is similar to the ones present in Hydraulic Catalogue and shows the AG hyd. Ferrule suitable to crimp the ind. hoses with AG hydr. Fittings, size by size.

(example: H1200TX2, H1100SK1, C124, ect..)