

ATEX Accessories

ATEX Accessories for industrial vacuums

- Safer if certified



Table of contents

ATEX ACCESSORIES FOR INDUSTRIAL VACUUM SOLUTIONS	2
STANDARD VS ATEX ACCESSORIES	3
1. CONVERSION KIT	4
2. METAL ACCESSORIES	4
3. HOSES	6
4. FINAL TOOLS	8

ATEX Accessories for industrial vacuum solutions

This catalogue allows you to identify the most suitable accessories for the vacuum cleaners in ATEX zones.

Safety is one of the most important concept in Nilfisk philosophy. For this reason, we are always developing new solutions which can increase the efficiency of the production companies, while protecting the working environment and the operators. Now, in order to increase more the safety of our industrial vacuums, we have developed a new complete range of ATEX accessories suitable for II 2D 2G.

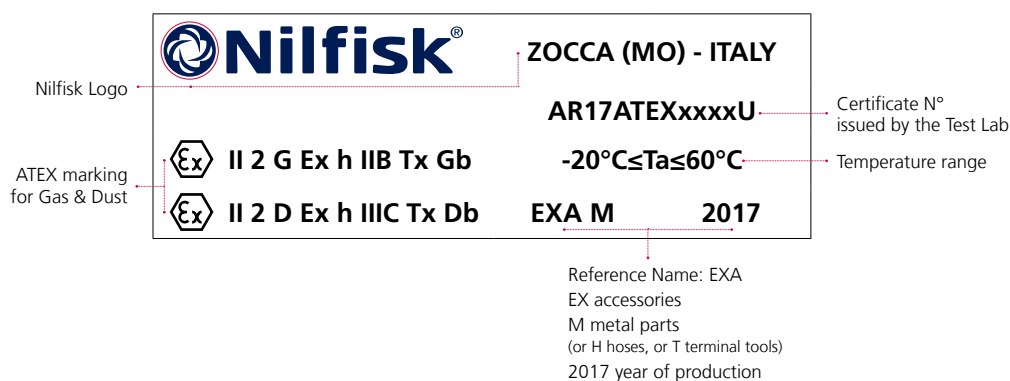
HOW TO USE THE NEW AND CERTIFIED SEQUENCE OF ACCESSORIES

For the ATEX vacuum cleaners already on the field we have designed a specific conversion kit. It is very easy and fast upgrading the vacuum cleaner and making it ready for the new ATEX accessories, you only need to replace the existing inlet with the new one.

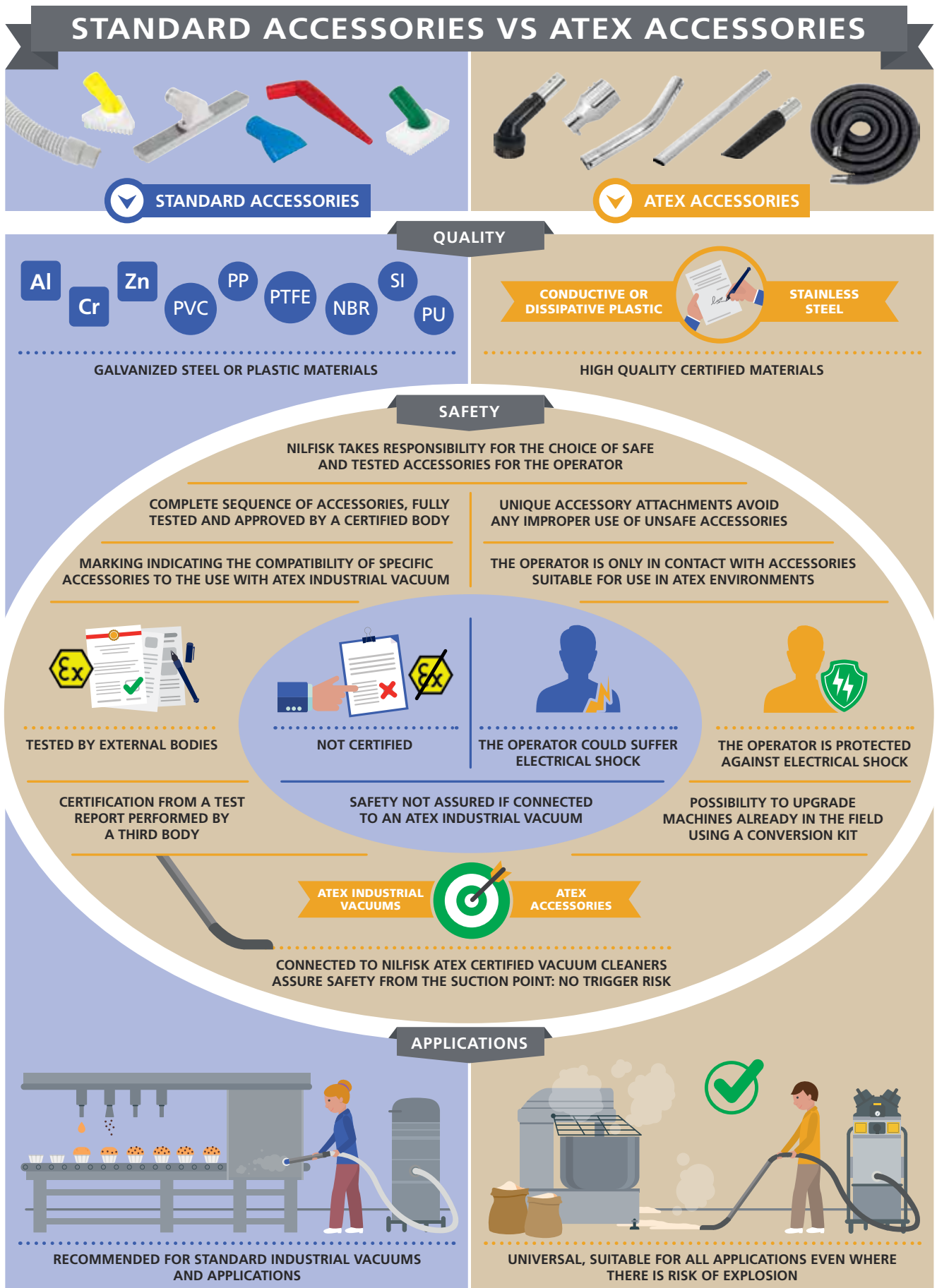
What is different in the inlet? It features a hole where to mount the first accessory with a pushbutton. The whole sequence of accessories can be then connected by using male and female parts. The pushbutton in the male part has 2 pins, one has to be used to push the other into the hole of the female part. This new type of connecting parts has been used along the sequence from the new inlet to the terminal tool.



Only accessories with these metal parts will be marked as certified. Here below the marking that all Nilfisk ATEX accessories will feature:



Standard VS ATEX accessories




For best performance every application requires the right accessory. To guarantee total safety use only ATEX accessories.



1. Conversion kit

The conversion kit has been developed to allow the usage of new certified accessories also on machines already on the field.

CONVERSION KIT	DIAMETER	DESCRIPTION	CODE
	50	Conversion kit	4089100928
	70		4089100929
	100		4089100930
	50	Conversion kit for VHW series	4089100981
	70		4089100982

2. Metal Accessories

The bifurcation can be mounted on the new inlet (the conversion kit) and it will give the possibility to connect the vacuum cleaner to two different hoses. The same vacuum cleaner can be used to clean in two different places.

BIFURCATION	DIAMETER	DESCRIPTION	ANTISTATIC	CERTIFIED FOR ATEX ZONES	MATERIAL	CODE
	50	Bifurcation	•	•	AISI 304	4072100158
	70					4072100159

The reduction is a fitting that goes between a vacuum cleaner with a new inlet and a hose that has a smaller diameter than the inlet.

REDUCTION	DIAMETER	DESCRIPTION	ANTISTATIC	CERTIFIED FOR ATEX ZONES	MATERIAL	CODE
	50/40	Reduction	•	•	AISI 304	4072100153
	70/40					4072100154
	70/50					4072100155
	100/50					4072100156
	100/70					4072100157

The curved fitting is a metal component used to fit a hose to a terminal tool. It is often used when you have to clean places that are hard to reach.

BENT FITTING	DIAMETER	DESCRIPTION	ANTISTATIC	CERTIFIED FOR ATEX ZONES	MATERIAL	CODE
	40	Bent fitting	•	•	AISI 304	4072100160
	50					4072100161


The flat lance is the best tool for cleaning in corners. It can be connected directly to the hose.

FLAT LANCE	DIAMETER	DESCRIPTION	ANTISTATIC	CERTIFIED FOR ATEX ZONES	MATERIAL	CODE
	40	Flat lance	•	•	AISI 304	4072100162
	50					4072100163

The handgrip is essential for cleaning floors; it is the element which fits between the hose (with metal connectors) and the floor nozzle.


HANDGRIP	DIAMETER	DESCRIPTION	ANTISTATIC	CERTIFIED FOR ATEX ZONES	MATERIAL	CODE
	40	Handgrip	•	•	AISI 304	4072000385
	50					4072000386

The pushbutton is the key element for all accessories. It gives the possibility to connect or disconnect parts each other. If you need to replace the pushbutton, you would need a riveting tool (the rivet is not included).


PUSHBUTTON	DIAMETER	DESCRIPTION	ANTISTATIC	CERTIFIED FOR ATEX ZONES	MATERIAL	CODE
	-	Spare part: Pushbutton	•	•	AISI 304	4072000389

3. Hoses

The new Flex conductive hose is a conductive hose made of abrasion resistant polyurethane. It is highly suitable in potentially explosive atmospheres for conveying abrasive solids such as dusts and powders. It is black, very flexible and light. It is corrugated externally and smooth on the inside. It will resist from -40 °C to +90 °C. It is connected with two metal connectors through a rivet. Metal connectors will be marked according to the type of hose.


FLEX CONDUCTIVE HOSE	DIAMETER	DESCRIPTION	EXTREMELY FLEXIBLE	EXTREMELY LIGHT	CONDUCTIVE	ANTISTATIC	LENGTHS	CERTIFIED FOR ATEX ZONES	MATERIAL	CODE
	40	Flex conductive hose + male/ female hose connectors	•	•	•		3M	•	Abrasion-resistant polyurethane with internal PVC-coated spring steel spiral + Stainless Steel AISI 304 hose connectors	4072400451
	40						5M			4072400452
	40						10M			4072400453
	40						15M			4072400454
	50						3M			4072400455
	50						5M			4072400456
	50						10M			4072400457
	50						15M			4072400458

The new flex antistatic hose is made with PVC with a coated steel spiral that is properly grounded and connected to metal hose connectors to guarantee the continuity. It is suitable for cleaning abrasive materials and liquids. It is very flexible and light. It is slightly corrugated externally but with a PVC cover and smooth on the inside. It can resist from 0 °C to +85 °C.

FLEX ANTISTATIC HOSE	DIAMETER	DESCRIPTION	EXTREMELY FLEXIBLE	EXTREMELY LIGHT	CONDUCTIVE	ANTISTATIC	LENGTHS	CERTIFIED FOR ATEX ZONES	MATERIAL	CODE
	40	Flex antistatic hose + male/ female hose connectors	•	•		•	3M	•	PVC with coated spring steel spiral + Stainless Steel AISI 304 hose connectors	4072400459
	40						5M			4072400460
	40						10M			4072400461
	40						15M			4072400462
	50						3M			4072400463
	50						5M			4072400464
	50						10M			4072400465
	50						15M			4072400466


The transparent antistatic hose is the most suitable for the Food & Pharma sectors. It is made with FDA approved material, it is compliant with European Regulations 1935/2004/CE. It is very flexible and light. It is transparent in order to guarantee a better visual check. Temperature range: -40°C / +90°C.




TRANSPARENT ANTISTATIC HOSE	DIAMETER	DESCRIPTION	EXTREMELY FLEXIBLE	EXTREMELY LIGHT	CONDUCTIVE	ANTISTATIC	LENGTHS	CERTIFIED FOR ATEX ZONES	MATERIAL	CODE
	40	Antistatic fda hose + male/ female hose connectors	•	•		•	3M	•	Transparent antistatic polyurethane + steel wire	4072400467
	40						5M			4072400468
	40						10M			4072400469
	40						15M			4072400470
	50						3M			4072400471
	50						5M			4072400472
	50						10M			4072400473
	50						15M			4072400474

The silicone hose is designed for cleaning powder from foodstuffs and pharmaceutical mixtures (FDA approved). It is white, resistant to high temperatures (up to 200 °C) and therefore can be sterilized in an autoclave (at 121 °C). It has a metal wire and a stainless steel spiral that is earthed by the connection with the metal connections. It is smooth both on the inside and externally.




SILICONE HOSE	DIAMETER	DESCRIPTION	EXTREMELY FLEXIBLE	EXTREMELY LIGHT	CONDUCTIVE	ANTISTATIC	LENGTHS	CERTIFIED FOR ATEX ZONES	MATERIAL	CODE
	40	Silicone hose + male/ female hose connectors				•	3M	•	Silicone hose + Stainless Steel AISI 304 hose connectors	4072400475
	40						5M			4072400476
	40						10M			4072400477
	40						15M			4072400478
	50						3M			4072400479
	50						5M			4072400480
	50						10M			4072400481
	50						15M			4072400482

The rubber oilproof hose is suitable for cleaning metal shavings mixed with traces of oil, dust and conductive materials. It is green and quite flexible. It is corrugated externally and smooth on the inside. It has a metal wire that is connected properly to guarantee proper conductivity. Temperature range:- 40° / + 120°C.

RUBBER OILPROOF HOSE	DIAMETER	DESCRIPTION	EXTREMELY FLEXIBLE	EXTREMELY LIGHT	CONDUCTIVE	ANTISTATIC	LENGTHS	CERTIFIED FOR ATEX ZONES	MATERIAL	CODE
	40	Rubber hose + male/ female hose connectors			•		3M	•	Rubber hose + steel wire + Stainless Steel AISI 304 hose connectors	4072400483
	40						5M			4072400484
	50						3M			4072400485
	50						5M			4072400486
	70						3M			4072400487
	70						5M			4072400488

The conductive polyurethane hose can be used for cleaning abrasive materials, conductive materials, and liquids. It is black, highly flexible and is corrugated externally and smooth on the inside. Temperature range:-30° / + 90°C.

CONDUCTIVE POLYURETHANE HOSE	DIAMETER	DESCRIPTION	EXTREMELY FLEXIBLE	EXTREMELY LIGHT	CONDUCTIVE	ANTISTATIC	LENGTHS	CERTIFIED FOR ATEX ZONES	MATERIAL	CODE
	40	Conductive polyurethane hose + male/ female hose connectors				•	3M	•	Conductive polyurethane hose + Stainless Steel AISI 304 hose connectors	4072400489
	40						5M			4072400490
	40						10M			4072400491
	40						15M			4072400492
	50						3M			4072400493
	50						5M			4072400494
	50						10M			4072400495
	50						15M			4072400496
	70						3M			4072400497
	70						5M			4072400498
	70						10M			4072400499
	70						15M			4072400500
	100						3M			4072400501
	100						5M			4072400502
	100						10M			4072400503
	100						15M			4072400504

4. Final tools


The black nitrile rubber cones are the conductive models. Coloured silicone versions are FDA approved and suitable for the food sector. They are **all provided with metal connectors** with the pushbutton already mounted. This metal connection will keep the same diameter of the terminal tool.


Coloured tools have been tested to be used in zone 22 ATEX classified areas, so it means they can collect dust. The use of these accessories in zone 22 ATEX environment is allowed only if they are connected to an antistatic or dissi-


pative flex hose by means of stainless steel metal parts, all provided by Nilfisk.


Round brushes, all with a rubber structure, are always used for removing dust. The black antistatic version is provided with brass bristles to guarantee the proper conductivity.


All these terminal tools are supplied with the hose connector with the pushbutton already mounted. They have to be connected to certified hoses present in this catalogue with the same connection system.


CONDUCTIVE CONE	DIAMETER	DESCRIPTION	EXTREMELY LIGHT	CONDUCTIVE	CERTIFIED FOR ATEX ZONES	MATERIAL	COLOUR	CODE
	40	Conductive cone D40 ATEX complete - Length 200 mm	•	•	•	Conductive rubber + Stainless Steel AISI 304 hose connectors	■ BLACK	4072400505
	50	Conductive cone D50 ATEX complete - Length 200 mm						4072400506


COLOURED CONE	DIAMETER	DESCRIPTION	EXTREMELY LIGHT	CONDUCTIVE	CERTIFIED FOR ATEX ZONES	MATERIAL	COLOUR	CODE
	40	Silicone cone D40 transparent ATEX complete	•		•	Coloured silicone + Stainless Steel AISI 304 hose connector	■ TRANSPARENT	4072400507
	40	Silicone cone D40 blue ATEX complete					■ BLUE	4072400508
	40	Silicone cone D40 red ATEX complete					■ RED	4072400509
	40	Silicone cone D40 green ATEX complete					■ GREEN	4072400510
	40	Silicone cone D40 yellow ATEX complete					■ YELLOW	4072400511
	40	Silicone cone D40 white ATEX complete					■ WHITE	4072400512
	50	Silicone cone D50 transparent ATEX complete					■ TRANSPARENT	4072400513
	50	Silicone cone D50 blue ATEX complete					■ BLUE	4072400514
	50	Silicone cone D50 red ATEX complete					■ RED	4072400515
	50	Silicone cone D50 green ATEX complete					■ GREEN	4072400516
	50	Silicone cone D50 yellow ATEX complete					■ YELLOW	4072400517
	50	Silicone cone D50 white ATEX complete					■ WHITE	4072400518












CONDUCTIVE NOZZLE	DIAMETER	DESCRIPTION	EXTREMELY LIGHT	CONDUCTIVE	CERTIFIED FOR ATEX ZONES	MATERIAL	COLOUR	CODE
	50	Conductive nozzle D50 120mm ATEX complete - suction point 120 mm	•	•	•	Conductive rubber + Stainless Steel AISI 304 hose connector	■ BLACK	4072400519
	50	Conductive nozzle D50 200mm ATEX complete - suction point 200 mm						4072400521












CONDUCTIVE CONICAL TOOL	DIAMETER	DESCRIPTION	EXTREMELY LIGHT	CONDUCTIVE	CERTIFIED FOR ATEX ZONES	MATERIAL	COLOUR	CODE
	32	Conductive nozzle D32 240mm length ATEX complete + Stainless Steel reduction D40/32	•	•	•	Conductive rubber + Stainless Steel AISI 304 hose connector	■ BLACK	4072400520












SILICONE NOZZLE	DIAMETER	DESCRIPTION	EXTREMELY LIGHT	CONDUCTIVE	CERTIFIED FOR ATEX ZONES	MATERIAL	COLOUR	CODE
	40	Silicone nozzle FDA 120mm D40 ATEX complete	•		• (only dust, II 2D)	Coloured silicone + Stainless Steel AISI 304 hose connector	TRANSPARENT	4072400522
	40	Silicone nozzle FDA 120mm blue D40 ATEX complete					■ BLUE	4072400523
	40	Silicone nozzle FDA 120mm red D40 ATEX complete					■ RED	4072400524
	40	Silicone nozzle FDA 120mm green D40 ATEX complete					■ GREEN	4072400525
	40	Silicone nozzle FDA 120mm yellow D40 ATEX complete					■ YELLOW	4072400526
	40	Silicone nozzle FDA 120mm white D40 ATEX complete					■ WHITE	4072400527
	50	Silicone nozzle FDA 120mm D50 ATEX complete					TRANSPARENT	4072400528
	50	Silicone nozzle FDA 120mm blue D50 ATEX complete					■ BLUE	4072400529
	50	Silicone nozzle FDA 120mm red D50 ATEX complete					■ RED	4072400530
	50	Silicone nozzle FDA 120mm green D50 ATEX complete					■ GREEN	4072400531
	50	Silicone nozzle FDA 120mm yellow D50 ATEX complete					■ YELLOW	4072400532
	50	Silicone nozzle FDA 120mm white D50 ATEX complete					■ WHITE	4072400533


SILICONE CONICAL TOOL	DIAMETER	DESCRIPTION	EXTREMELY LIGHT	CONDUCTIVE	CERTIFIED FOR ATEX ZONES	MATERIAL	COLOUR	CODE
	40	Silicone conical tool FDA D40/20 ATEX complete	•		• (only dust, II 2D)	Coloured silicone + Stainless Steel AISI 304 hose connector	TRANSPARENT	4072400534
	40	Silicone conical tool FDA blue D40/20 ATEX complete					■ BLUE	4072400535
	40	Silicone conical tool FDA red D40/20 ATEX complete					■ RED	4072400536
	40	Silicone conical tool FDA green D40/20 ATEX complete					■ GREEN	4072400537
	40	Silicone conical tool FDA yellow D40/20 ATEX complete					■ YELLOW	4072400538
	40	Silicone conical tool FDA white D40/20 ATEX complete					■ WHITE	4072400539


ANTISTATIC ROUND BRUSH	DIAMETER	DESCRIPTION	EXTREMELY LIGHT	CONDUCTIVE	CERTIFIED FOR ATEX ZONES	MATERIAL	COLOUR	CODE
	40	Antistatic round brush D40 70mm ATEX complete	•	•	•	Antistatic rubber + brass bristles + Stainless Steel AISI 304 hose connector	■ BLACK	4072400540
	50	Antistatic round brush D50 70mm ATEX complete						4072400541


COLOURED ROUND BRUSH	DIAMETER	DESCRIPTION	EXTREMELY LIGHT	CONDUCTIVE	CERTIFIED FOR ATEX ZONES	MATERIAL	COLOUR	CODE
	40	Round brush FDA blue D40 ATEX COMPLETE	•		• (only dust, II 2D)	Coloured NBR FDA approved + nylon bristles + Stainless Steel AISI 304 hose connector	 BLUE	4072400542
	40	Round brush FDA red D40 ATEX complete					 RED	4072400543
	40	Round brush FDA green D40 ATEX complete					 GREEN	4072400544
	40	Round brush FDA yellow D40 ATEX complete					 YELLOW	4072400545
	40	Round brush FDA white D40 ATEX complete					 WHITE	4072400546
	50	Round brush FDA blue D50 ATEX complete					 BLUE	4072400547
	50	Round brush FDA red D50 ATEX complete					 RED	4072400548
	50	Round brush FDA green D50 ATEX complete					 GREEN	4072400549
	50	Round brush FDA yellow D50 ATEX complete					 YELLOW	4072400550
	50	Round brush FDA white D50 ATEX complete					 WHITE	4072400551

COLOURED TRIANGULAR BRUSH	DIAMETER	DESCRIPTION	EXTREMELY LIGHT	CONDUCTIVE	CERTIFIED FOR ATEX ZONES	MATERIAL	COLOUR	CODE
	40	Triangular brush FDA D40 ATEX complete blue	•		• (only dust, II 2D)	Coloured NBR FDA approved + nylon bristles + Stainless Steel AISI 304 hose connector	 BLUE	4072400552
	40	Triangular brush FDA D40 ATEX complete red					 RED	4072400553
	40	Triangular brush FDA D40 ATEX complete green					 GREEN	4072400554
	40	Triangular brush FDA D40 ATEX complete yellow					 YELLOW	4072400555
	40	Triangular brush FDA D40 ATEX complete white					 WHITE	4072400556
	50	Triangular brush FDA D50 ATEX complete blue					 BLUE	4072400557
	50	Triangular brush FDA D50 ATEX complete red					 RED	4072400558
	50	Triangular brush FDA D50 ATEX complete green					 GREEN	4072400559
	50	Triangular brush FDA D50 ATEX complete yellow					 YELLOW	4072400560
	50	Triangular brush FDA D50 ATEX complete white					 WHITE	4072400561

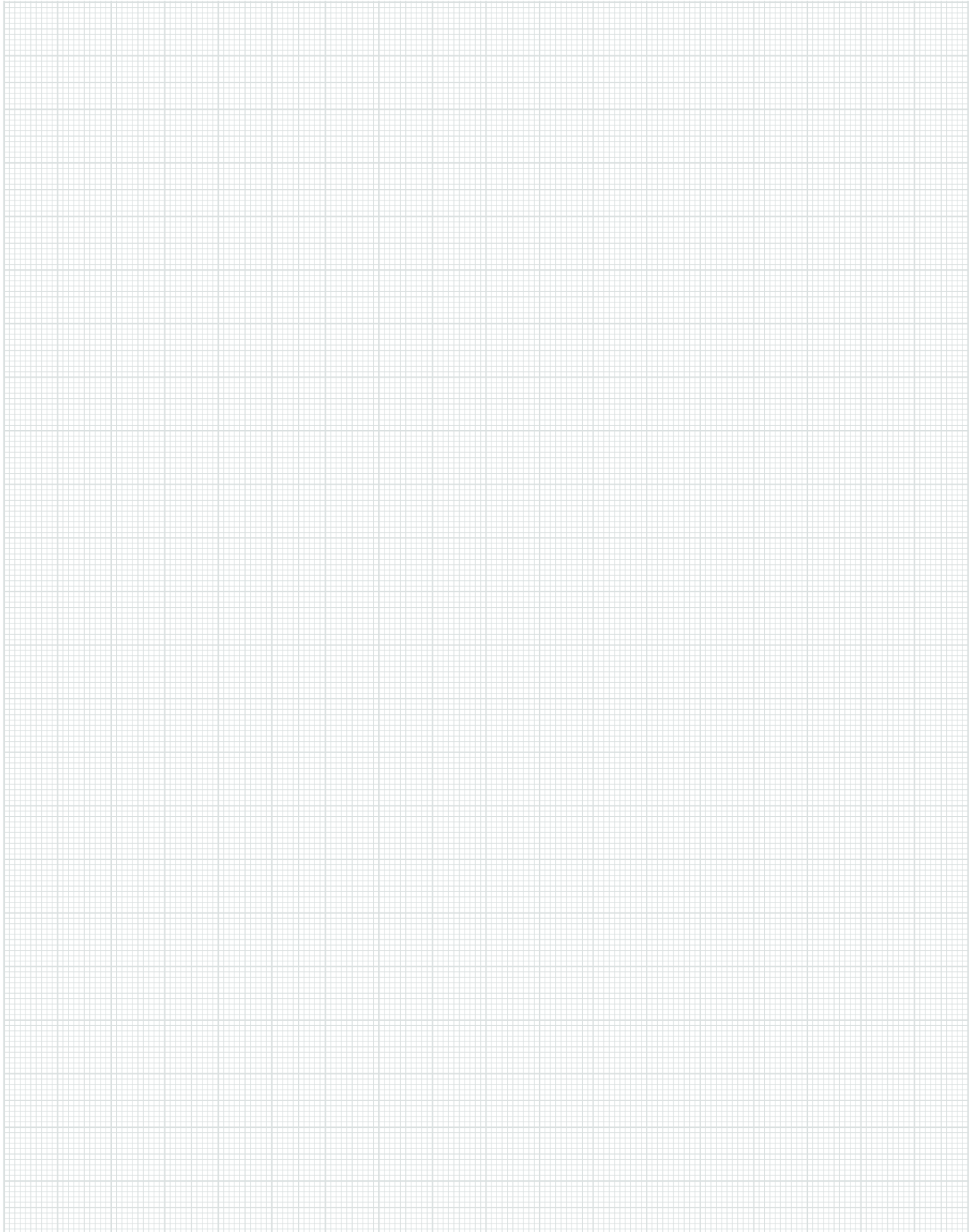
COLOURED RECTANGULAR BRUSH	DIAMETER	DESCRIPTION	EXTREMELY LIGHT	CONDUCTIVE	CERTIFIED FOR ATEX ZONES	MATERIAL	COLOUR	CODE
	40	Rectangular brush D40 ATEX complete blue	•		• (only dust, II 2D)	Coloured NBR FDA approved + nylon bristles + Stainless Steel AISI 304 hose connector	 BLUE	4072400562
	40	Rectangular brush D40 ATEX complete red					 RED	4072400563
	40	Rectangular brush D40 ATEX complete green					 GREEN	4072400564
	40	Rectangular brush D40 ATEX complete yellow					 YELLOW	4072400565
	40	Rectangular brush D40 ATEX complete white					 WHITE	4072400566
	50	Rectangular brush D50 ATEX complete blue					 BLUE	4072400567
	50	Rectangular brush D50 ATEX complete red					 RED	4072400568
	50	Rectangular brush D50 ATEX complete green					 GREEN	4072400569
	50	Rectangular brush D50 ATEX complete yellow					 YELLOW	4072400570
	50	Rectangular brush D50 ATEX complete white					 WHITE	4072400571

MOBILE FLOOR NOZZLE	DIAMETER	DESCRIPTION	EXTREMELY LIGHT	CONDUCTIVE	CERTIFIED FOR ATEX ZONES	MATERIAL	COLOUR	CODE
	40	Mobile nozzle D40 400mm ATEX complete				Stainless Steel metal parts + silicone lips + Stainless Steel AISI 304 hose connector		4072000387
	50	Mobile nozzle D50 400mm ATEX complete						4072000388

MOBILE COLOURED FLOOR NOZZLE	DIAMETER	DESCRIPTION	EXTREMELY LIGHT	CONDUCTIVE	CERTIFIED FOR ATEX ZONES	MATERIAL	COLOUR	CODE
	40	Mobile SS nozzle+silicone FDA transparent D40				Stainless Steel metal parts + coloured complete silicone cover + silicone lips + Stainless Steel AISI 304 hose connector	TRANSPARENT	4072400587
	40	Mobile SS nozzle+silicone FDA blue D40					BLUE	4072400588
	40	Mobile SS nozzle+silicone FDA red D40					RED	4072400589
	40	Mobile SS Nnozzle+silicone FDA green D40					GREEN	4072400590
	40	Mobile SS nozzle+silicone FDA yellow D40					YELLOW	4072400591
	40	Mobile SS nozzle+silicone FDA white D40					WHITE	4072400592
	50	Mobile SS nozzle+silicone FDA D50					TRANSPARENT	4072400593
	50	Mobile SS nozzle+silicone FDA blue D50					BLUE	4072400594
	50	Mobile SS nozzle+silicone FDA red D50					RED	4072400595
	50	Mobile SS nozzle+silicone FDA green D50					GREEN	4072400596
	50	Mobile SS nozzle+silicone FDA yellow D50					YELLOW	4072400597
	50	Mobile SS nozzle+silicone FDA white D50					WHITE	4072400598

COLOURED FLOOR NOZZLE	DIAMETER	DESCRIPTION	EXTREMELY LIGHT	CONDUCTIVE	CERTIFIED FOR ATEX ZONES	MATERIAL	COLOUR	CODE
	40	SS nozzle+cover FDA blue D40				Stainless steel nozzle with colored cover + Stainless Steel AISI 304 hose connector	BLUE	4072400577
	40	SS nozzle+cover FDA red D40					RED	4072400578
	40	SS nozzle+cover FDA green D40					GREEN	4072400579
	40	SS nozzle+cover FDA yellow D40					YELLOW	4072400580
	40	SS nozzle+cover FDA white D40					WHITE	4072400581
	50	SS nozzle+cover FDA blue D50					BLUE	4072400582
	50	SS NOZZLE+COVER FDA red D50					RED	4072400583
	50	SS nozzle+cover FDA green D50					GREEN	4072400584
	50	SS nozzle+cover FDA yellow D50					YELLOW	4072400585
	50	SS nozzle+cover FDA white D50					WHITE	4072400586

Notes



Notes

