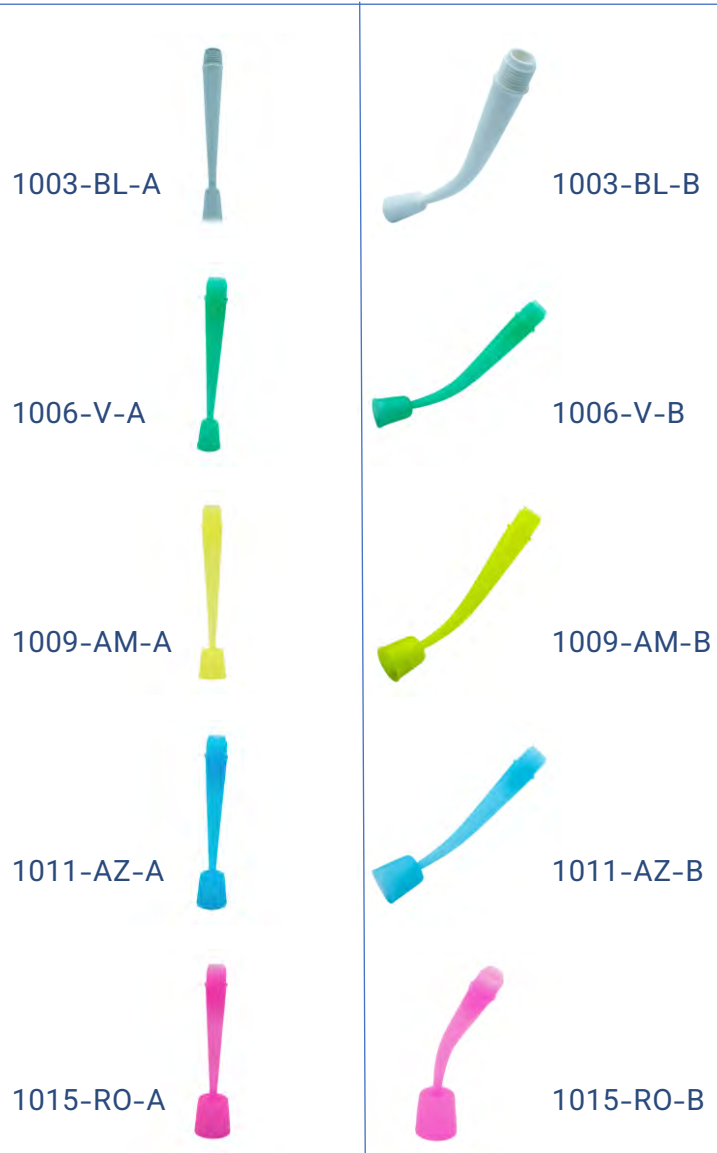




# ENCAPSULATING NOZZLES FOR TYPE A SEALANT (REF 100)

- Polyethylene nozzles (medium density) for encapsulating rivets or nuts with type A sealants (1.8mm outlet hole) and 1/4" NPT male thread
- The entire range is presented in different colors for easy identification
- 30° bent version for hard-to-reach areas



DESCRIPTION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
White Encapsulating nozzles for type a sealant	1003-BL-A	11	1,8	100
Green Encapsulating nozzles for type a sealant	1006-V-A	13	1,8	100
Yellow Encapsulating nozzles for type a sealant	1009-AM-A	16	1,8	100
Blue Encapsulating nozzles for type a sealant	1011-AZ-A	18	1,8	100
Pink Encapsulating nozzles for type a sealant	1015-RO-A	22,5	1,8	100
White Bent Encapsulating nozzles for type a sealant	1003-BL-B	11	1,8	100
Green Bent Encapsulating nozzles for type a sealant	1006-V-B	13	1,8	100
Yellow Bent Encapsulating nozzles for type a sealant	1009-AM-B	16	1,8	100
Blue Bent Encapsulating nozzles for type a sealant	1011-AZ-B	18	1,8	100
Pink Bent Encapsulating nozzles for type a sealant	1015-RO-B	22,5	1,8	100



# ENCAPSULATING NOZZLES FOR SEALANT TYPE B (REF 90)

- Polyethylene nozzles (medium density) for encapsulating rivets or nuts with type B sealants (4mm outlet hole) and 1/4" NPT male thread
- The entire range is presented in different colors for easy identification
- 30° bent version for hard-to-reach areas



DESCRIPTION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
Green Encapsulating nozzles for type b sealant	9025-V-A	14	4	90
Green Bent Encapsulating nozzles for type b sealant	9025-V-B	14	4	90
Yellow Encapsulating nozzles for type b sealant	9028-AM-A	18	4	90
Yellow Bent Encapsulating nozzles for type a sealant	9028-AM-B	18	4	90
Blue Encapsulating nozzles for type b sealant	9032-AZ-A	20	4	90
Blue Bent Encapsulating nozzles for type a sealant	9032-AZ-B	20	4	90
Pink Encapsulating nozzles for type b sealant	9046-RO-A	25	4	90
Pink Bent Encapsulating nozzles for type a sealant	9046-RO-B	25	4	90
Orange Encapsulating nozzles for type b sealant	9053-N-A	30	4	90
Orange Bent Encapsulating nozzles for type a sealant	9053-N-B	30	4	90
Grey Encapsulating nozzles for type b sealant	9055-GR-A	35	4	90
Grey Bent Encapsulating nozzles for type a sealant	9055-GR-B	35	4	90
Dark Green Encapsulating nozzles for type b sealant	9060-VZ-A	40	4	90
Dark Blue Encapsulating nozzles for type b sealant	9065-AO	45	4	90



# ENCAPSULATING NOZZLES FOR SEALANT TYPE B (REF 120)



DESCRIPTION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
Green Encapsulating nozzles for type b sealant	12046-V-A	14	4	120
Green Bent Encapsulating nozzles for type b sealant	12046-V-B	14	4	120
Yellow Encapsulating nozzles for type b sealant	12048 AM-A	18	4	120
Yellow Bent Encapsulating nozzles for type a sealant	12048 AM-B	18	4	120
Blue Encapsulating nozzles for type b sealant	12050-AZ-A	20	4	120
Blue Bent Encapsulating nozzles for type a sealant	12050-AZ-B	20	4	120
Pink Encapsulating nozzles for type b sealant	12052-RO-A	25	4	120
Pink Bent Encapsulating nozzles for type a sealant	12052-RO-B	25	4	120
Orange Encapsulating nozzles for type b sealant	12054-N-A	30	4	120
Orange Bent Encapsulating nozzles for type a sealant	12054-N-B	30	4	120
Grey Encapsulating nozzles for type b sealant	12057-GR-A	35	4	120
Grey Bent Encapsulating nozzles for type a sealant	12057-GR-B	35	4	120
Dark Green Encapsulating nozzles for type b sealant	12058-VZ-A	40	4	120
Dark Green Bent Encapsulating nozzles for type b sealant	12058-VZ-B	40	4	120
Dark Blue Encapsulating nozzles for type b sealant	12062-AO-A	45	4	120



# NOZZLE SELECTION GUIDE FOR ENCAPSULATION

RIVET / NUT DIAMETER	mm	4,1	4,8	6,3	8	9,5	11,1	12,7	Ø>12,7mm (1/2")				
	inches	5/32"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"					
CLASS A SEALANT	REFERENCIA BOQUILLA	1 003-BL-A 1 003-BL-B	1 003-BL-A 1 003-BL-B	1 006-V-A 1 006-V-B	1 009-AM-A 1 009-AM-B	1 011-AZ-A 1 011-AZ-B	1 015-RO-A 1 015-RO-B						
CLASS B SEALANT	REFERENCIA BOQUILLA	9025-V-A 9025-V-B	9025-V-A 9025-V-B	9028-AM-A 9028-AM-B	9032-AZ-A 9032-AZ-B	9046-RO-A 9046-RO-B	9053-N-A 9053-N-A	9055-GR-A 9055-GR-B	9060-VZ-A	9065-AO-A			
		12046-V-A 12046-V-B	12046-V-A 12046-V-B	12048-AM-A 12048-AM-B	12050-AZ-A 12050-AZ-B	12052-RO-A 12052-RO-B	12054-N-A 12054-N-B	12057-GR-A 12057-GR-B	12058-VZ-A 12058-VZ-B	12062-AO-A			



# NUT ENCAPSULATING NOZZLES

13009-AM-A



13009-AM-B



2232-A



2439-A



3039-A



- Specific polyethylene nozzles (medium density) for the encapsulation of watertight nuts in fuel tanks and nuts that are difficult to access
- Male thread 1/4" NPT

DESCRIPTION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
Short bell Nut encapsulation nozzle	13009-AM-A	16	1,8	100
Short bell bent Nut encapsulation nozzle	13009-AM-B	16	1,8	100
Green encapsulation nozzles for watertight nuts in fuel tanks	2232-A	N.A.	4	104
Encapsulation nozzles for watertight nuts in fuel tanks	2439-A	N.A.	4	104
Encapsulation nozzles for watertight nuts in fuel tanks	3039-A	N.A.	4	104

# PIPE-SHAPED ENCAPSULATING NOZZLES FOR HARD-TO-REACH TASKS (REF 320)



BLP-32027



VP-32032



AMP-32041



AZP-32044



ROP-32047

- Polyethylene nozzles (medium density) for encapsulating rivets with type B sealants (4mm outlet hole). They allow rivets or nuts to be encapsulated in hard-to-reach areas quickly
- The entire range is presented in different colors for easy identification
- Male thread 1/4" NPT

DESCRIPTION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
White Pipe-shaped and threaded encapsulation nozzles	BLP-32027	12	4	95,96
Green Pipe-shaped and threaded encapsulation nozzles	VP-32032	15	4	97,47
Yellow Pipe-shaped and threaded encapsulation nozzles	AMP-32041	18	4	99,44
Blue Pipe-shaped and threaded encapsulation nozzles	AZP-32044	22	4	100,69
Pink Pipe-shaped and threaded encapsulation nozzles	ROP-32047	25	4	101,96

# PIPE-SHAPED MANUAL (WITHOUT THREAD) ENCAPSULATING NOZZLES FOR HARD-TO-REACH TASKS (REF 20)



1054-BL



MBL-2012



MV-2015



MAM-2018



MAZ-2022



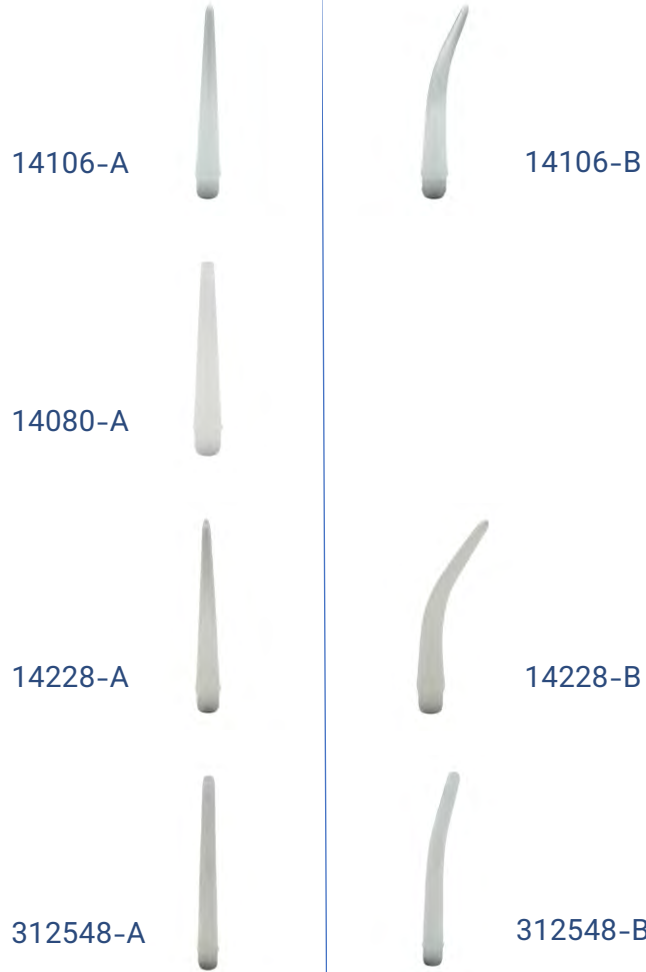
MRO-2025

- Polyethylene nozzles (medium density) for encapsulating rivets with sealant
- Allows rivets or nuts to be encapsulated in hard-to-reach areas without an extruder gun
- The entire range is presented in different colors for easy identification

DESCRIPTION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
Manual Straight Encapsulating Nozzles	1054-BL	12	N.A.	104
White Pipe-shaped manual encapsulation nozzles	MBL-2012	12	N.A.	95,96
Green Pipe-shaped manual encapsulation nozzles	MV-2015	15	N.A.	97,47
Yellow Pipe-shaped manual encapsulation nozzles	MAM-2018	18	N.A.	99,44
Blue Pipe-shaped manual encapsulation nozzles	MAZ-2022	22	N.A.	100,69
Pink Pipe-shaped manual encapsulation nozzles	MRO-2025	25	N.A.	101,96



# NOZZLES FOR SEALANT BEADS APPLICATION



- Conical polyethylene (medium density) nozzles for the application of sealant beads
- Available with different outlet holes (0.8 , 1.6 and 3.7 mm)
- The entire range is presented in a straight version and 30° bent
- Male thread 1/4" NPT

DESCRIPTION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
Nozzles with fine tip (0.8mm)	14106-A	N.A.	0,8	104
Fine-tip bent nozzles (0.8mm)	14106-B	N.A.	0,8	94
Nozzles with fine-cut tip	14080-A	N.A.	N.A.	88
Nozzles with medium size orifice (1.6mm)	14228-A	N.A.	1,6	104
Bent Nozzles with medium size orifice (1,6mm)	14228-B	N.A.	1,6	94
Nozzles with XL orifice (3.7mm)	312548-A	N.A.	3,7	120
Bent nozzles with XL orifice (3.7mm)	312548-B	N.A.	3,7	115



# STATIC MIXING NOZZLES

- Mixing nozzles consisting of a set of static mixing elements housed inside a normally conical body
- They allow the dosing with tip mixing of products such as Shim

BM-13040



BM-13010



97CU-125



DESCRIPCION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
6" Static Mixer for SHIM Application	BM-13040	N.A.	1,6	152,4
5" Static Mixer for SHIM Application	BM-13010	N.A.	1,6	122
3M QUADRO MIXING	97CU-125	N.A.	1,8	84



# NOZZLES FOR SPECIALTY APPLICATIONS

- Serrated polyethylene (medium density) nozzles for the application of interposition sealant with uniform sealant distribution
- Male thread 1/4" NPT

62394-D



DESCRIPTION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
Natural color serrated nozzles	62394-D	N.A.	20X4	95

11502-A



- Polyethylene nozzle (medium density) for the application of overlapping sealant beads
- Composed of two parts, body and head and can be ordered assembled or in parts
- Male thread 1/4" NPT

DESCRIPTION	REF	INTERIOR Ø (mm)	INTERIOR (mm)	LONG (mm)
Truncated conical nozzles with ball joint (body only)	11502-A	N.A.	5	N.A.
Rectangular head (head only)	11522-B	N.A.	N.A.	N.A.
Nozzles for overlap with ball joint (full nozzle)	11532-2-A	N.A.	5	115

# BUTTONS FOR RIVETS COUNTERSINK SEALANT INJECTION

- Complete solution for quick and simple application of sealant on rivets countersinks
- Made of polyethylene (medium density)



8632-T



8725-T

DESCRIPTION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
Injection button for 4.8mm (3/16") diameter countersinks requires 1006-V-A nozzle	8632-T	N.A.	N.A.	122
Injection button for countersinks diameter 6.33mm (1/4") requires 1009-AM-A	8725-T	N.A.	N.A.	123





# ENCAPSULATION BELLS FOR RIVETS AND NUTS

- Solution for encapsulating nuts and rivets for a top-quality finish.
- Made of polyethylene (medium density)
- Fill the bell with sealant using a specific nozzle or a standard one, depending on the requirements, and place the bell on the rivet with a small twist at the end, once the sealant has cured remove the bell
- The entire range is presented in different colors for easy identification
- There is a wide variety of geometries and specific versions for Hi Lok, Hi Lite, ...

H-5247



H-5253



H-5262



H-5278



DESCRIPTION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
Encapsulation Bells for HI-LOK 5/32" (3.97mm) rivet, NATURAL Phosphorite color, with guide	H-5247	15	4	N.A.
Encapsulation Bells for HI-LOK 1/4" (6.35mm) rivets, YELLOW color, with guide	H-5253	18	4	N.A.
Encapsulation Bells for HI-LOK 5/16" (7.94mm) rivets, ORANGE Phosphorite color, with guide	H-5262	20	4	N.A.
Encapsulation Bells for HI-LOK 3/8" (9,525mm) rivets, PINK color, with guide	H-5278	22	4	N.A.

# ENCAPSULATION BELLS FOR RIVETS AND NUTS

- Solution for encapsulating nuts and rivets for a top-quality finish.
- Made of polyethylene (medium density)
- Fill the blind bell with sealant using a standard nozzle and place the bell on the rivet with a small twist at the end, once the sealant is cured remove the bell
- The entire range is presented in different colors for easy identification



DESCRIPTION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
Blind Encapsulation Bells for HI-LOK rivet Green	HC-3526	13	N.A.	N.A.
Blind Encapsulation Bells for HI-LOK rivet Yellow	HC-3530	16	N.A.	N.A.
Blind Encapsulation Bells for HI-LITE rivet yellow	HI-8945	12	N.A.	N.A.
Blind Encapsulation Bells for HI-LITE rivet white	HI-8956	14	N.A.	N.A.
Blind Encapsulation Bells for HI-LITE rivet pink	HI-8968	23	N.A.	N.A.
Blind Encapsulation Bells for HI-LITE rivet green	HI-8965	16	N.A.	N.A.
Blind Encapsulation Bells for HI-LITE rivet orange	HI-8970	25	N.A.	N.A.
Blind Encapsulation Bells for Protruding rivets green	PR-6001	10	N.A.	N.A.
Blind Encapsulation Bells for Protruding rivets Brown	PR-6033	12	N.A.	N.A.
Blind Encapsulation Bells for Protruding rivets Orange	PR.6035	14	N.A.	N.A.
Blind Encapsulation Bells for Protruding rivets purple	PR.6039	16	N.A.	N.A.
Blind Encapsulation Bells for Protruding rivets blue	ES-7087	16	N.A.	N.A.



# TECHKIT SEALANT CARTRIDGES AND ACCESSORIES

203522



204632



4610-2-R



4620-2-A



4500-2-R



4515-2-A



- Complete sets or part of 170cc (6Oz) and 74cc (2.5Oz) techkits
- Plungers, caps and lids in different colors
- Female thread 1/4" NPT

DESCRIPTION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
6 Oz 170cc Cartridge	204632	N.A.	N.A.	N.A.
2.5 oz cartridges	203522	N.A.	N.A.	N.A.
Plunger	32100-2	N.A.	N.A.	N.A.
Blue lid	4620-2-A	N.A.	N.A.	N.A.
Blue caps	4515-2-A	N.A.	N.A.	N.A.
Red lid	4610-2-R	N.A.	N.A.	N.A.
Red caps	4500-2-R	N.A.	N.A.	N.A.



# SPATULAS

6225-CEA



7-205 FOS



- Spatulas for forming sealant in different geometries for different applications.
- Sets of 3 double spatulas in standard or phosphorite versions for FOD prevention in low-light areas

DESCRIPTION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
Sealant smoothing spatulas	1145-BL-I	N.A.	N.A.	N.A.
Sealant smoothing spatulas	1140-BL-II	N.A.	N.A.	N.A.
Serrated spatula	F-1325	N.A.	N.A.	N.A.
Set of 3 double spatulas	6225-CEA	N.A.	N.A.	N.A.
Set of 3 double phosphorite spatulas	7-205 FOS	N.A.	N.A.	N.A.

1145-BL-I



1140-BL-II



F-1325





# BLADES AND SCRAPERS

1210-RSB-I-I



- Highest quality methacrylate blade for the removal of cured sealant. It can be sharpened to recover the desired geometry. Thanks to its high-quality polycarbonate, it does not break.
- Methacrylate blades for removal and cleaning of cured sealant. Available in different geometries for different use cases and color-coded for easy identification. Thanks to their ergonomic handle, they reduce the operator's effort and improve the result of the cleaning process
- Set of 2 scrapers for the removal of sealant overflow. Its hollow design allows the overflow to be confined during the removal process, improving the cleanliness of the process. Includes sandpaper for resharpenering the blades.

1240-RS



1246-N



1255-A



1267-R



DESCRIPTION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
Methacrylate blade	1240-RS	N.A.	N.A.	N.A.
Yellow methacrylate blade	1255-A	N.A.	N.A.	N.A.
Pink methacrylate blade	1267-R	N.A.	N.A.	N.A.
Orange methacrylate blade	1246-N	N.A.	N.A.	N.A.
Set of 2 Sealant Overflow Scrapers	1210-RSB-I-I	N.A.	N.A.	N.A.



# MIXING POTS

- Polypropylene containers for safe work with sealants and other chemicals
- Available in different sizes, with safety labels and lid

ST-10250



ST-10270



STP-10280



STP-10290



ST-015152



DESCRIPTION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
Transparent pots, Offset label, with lid 115 ml	ST-10250	N.A.	N.A.	N.A.
Transparent pots, Offset label, with lid 280 ml	ST-10270	N.A.	N.A.	N.A.
Transparent pots, Offset label, with lid 520 ml	STP-10280	N.A.	N.A.	N.A.
Transparent pots, Offset label, with lid 1.000 ml	STP-10290	N.A.	N.A.	N.A.
Cups 100 cc (Polypropylene)	ST-015152	N.A.	N.A.	N.A.



# STERILE SYRINGES

- Sterilized syringes in different sizes
- Available with single or Luer-Lock closure
- Application nozzles and caps in blue are available.

06-36821



10-28962



50/28454



100-29603



A-5320



98016-J



DESCRIPTION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
5ml syringes with Luer-Lock	06-36821	N.A.	N.A.	N.A.
10ml syringes with Luer-Lock	10-28962	N.A.	N.A.	N.A.
50ml cone-tipped syringes	50/28454	N.A.	N.A.	N.A.
100ml cone-tipped syringes	100-29603	N.A.	N.A.	N.A.
Blue syringe cap	A-5320	N.A.	N.A.	N.A.
Syringe nozzle	98016-J	N.A.	1,6	31

- Solutions for the application of paints in cured encapsulated rivets and nuts
- Sponges for the manual application of paints on sealant

A-72413



A-72418



A-72422



7080814-E



772202-E



702622-E



DESCRIPTION	REF	INTERIOR Ø (mm)	ORIFICE (mm)	LONG (mm)
Paint applicator Yellow	A-72413	11(12)	N.A.	N.A.
Paint applicator Orange	A-72418	10(18)	N.A.	N.A.
Paint applicator Pink	A-72422	14(22)	N.A.	N.A.
Manual sponge applicator	772202-E	N.A.	N.A.	N.A.
Manual sponge applicator with wooden shaft	7080814-E	N.A.	N.A.	N.A.
Paint applicator stick	702622-E	N.A.	N.A.	N.A.