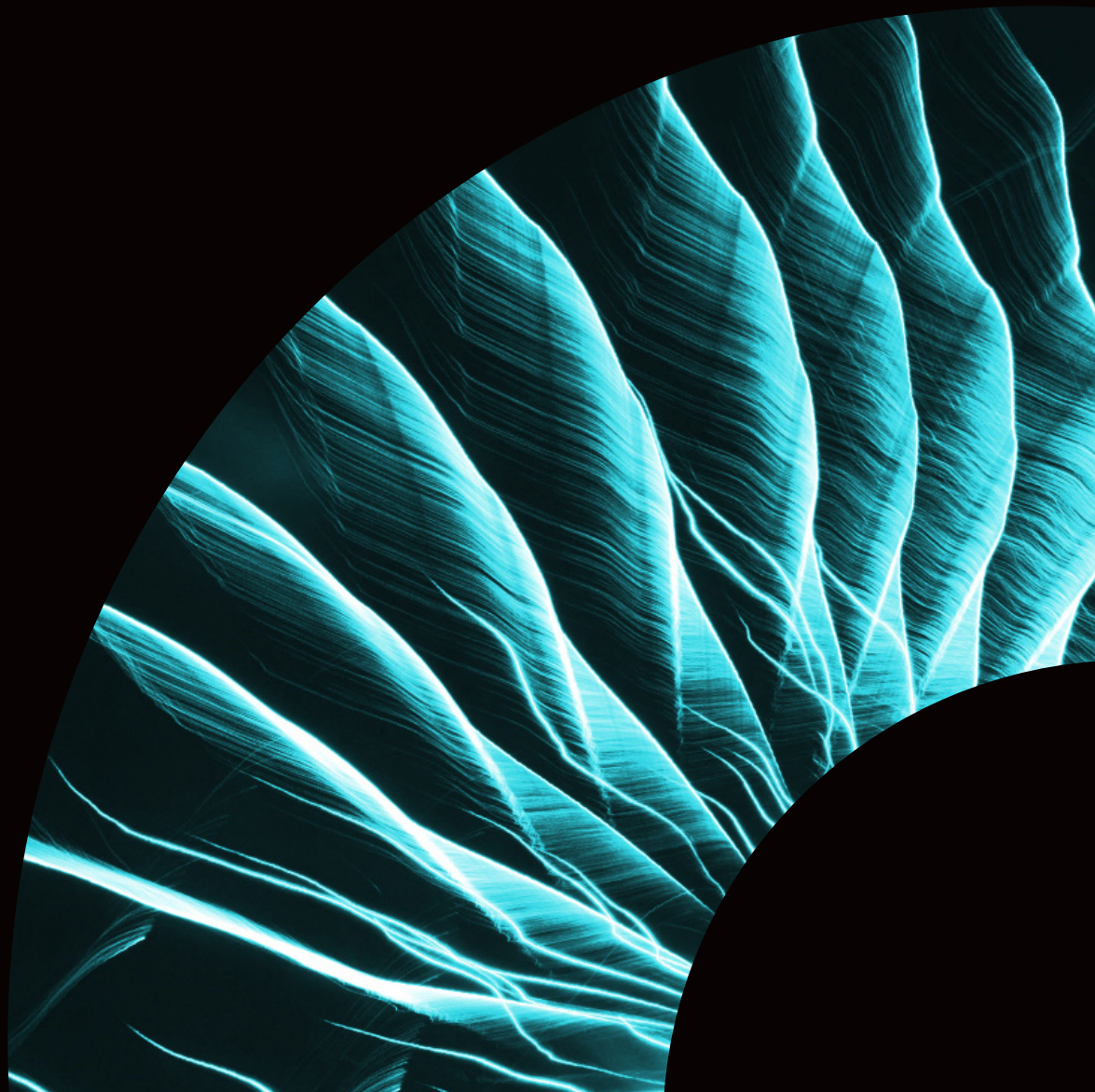
Your gluing solutions partner

MELER

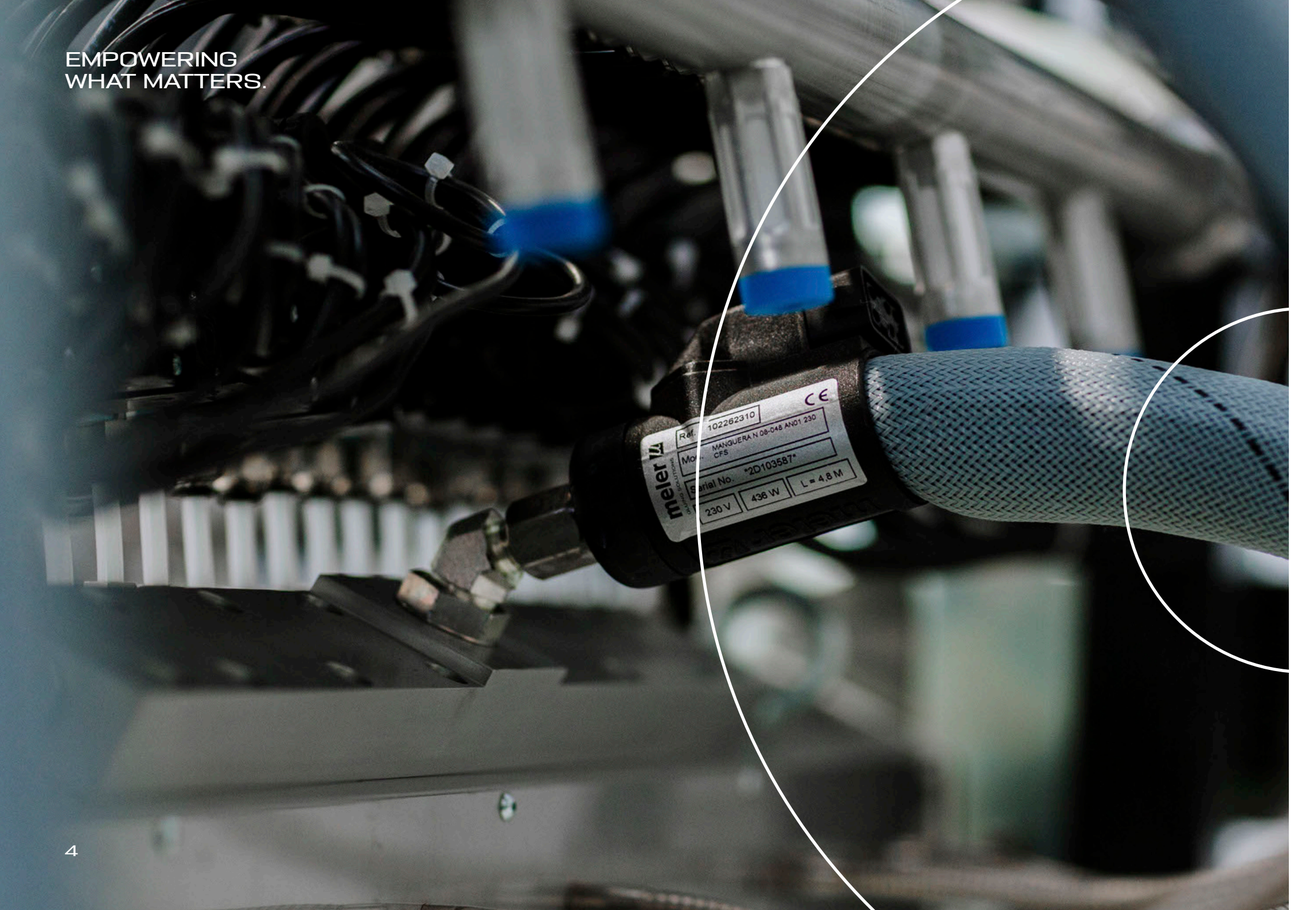


ARION HOSES

meler.eu

ARION
by meler

EMPOWERING HOSES.



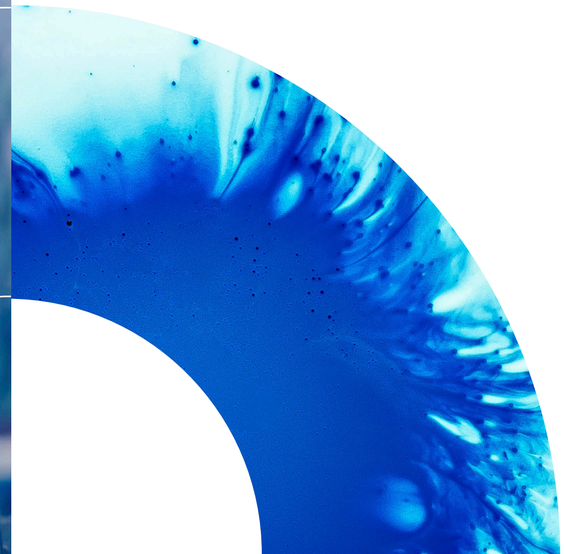
ARION
by meler

1. Intro
2. By meler
3. Your business flow partner
4. Empowering what matters
5. Empowering hoses
6. Empower your system
7. Our magic



1.
Intro





ARION
by meler

All science has some magic in it.

That which sometimes makes the best solutions not the most complex ones, that which makes everything run smoothly.

The magic that is found inside the people who help us to move forward, the magic that connects everything that matters to us without effort, the same magic that makes any challenge have a solution.

This is how our hose solutions can be defined .



2.
By meler

We are Meler, Your BusinessFlow Partner.

Accompanying you in improving the performance and efficiency of your business thanks to our expert team of professionals with more than 40 years of experience. We are specialists in consulting, design, development and production of technologies that improve industrial hot melt adhesive processes.

Present in more than 40 countries, we bring all our knowledge and all our technology to make process automation accessible, improve the performance of operations, increase the quality of our products and reduce the cost of maintenance, gaining agility and boosting your operations and business.



Improving the performance and efficiency of your processes.

Thanks to our support, engineering and training services, we will be at your side to take care of what you care about most, and help you to go further by doing impossible things. Developing proprietary technology that drives every part of your adhesive bonding process, through complete systems or the improvement of individual parts.

We work every day to help you be a part of everything around you, connecting your world with your customers', your products with people's lives, what you do with what really matters.





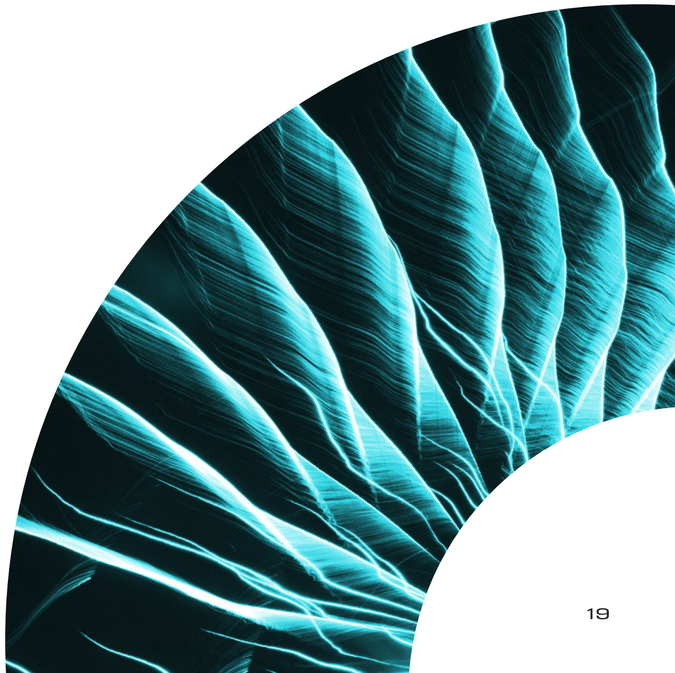
3. Your businessflow partner

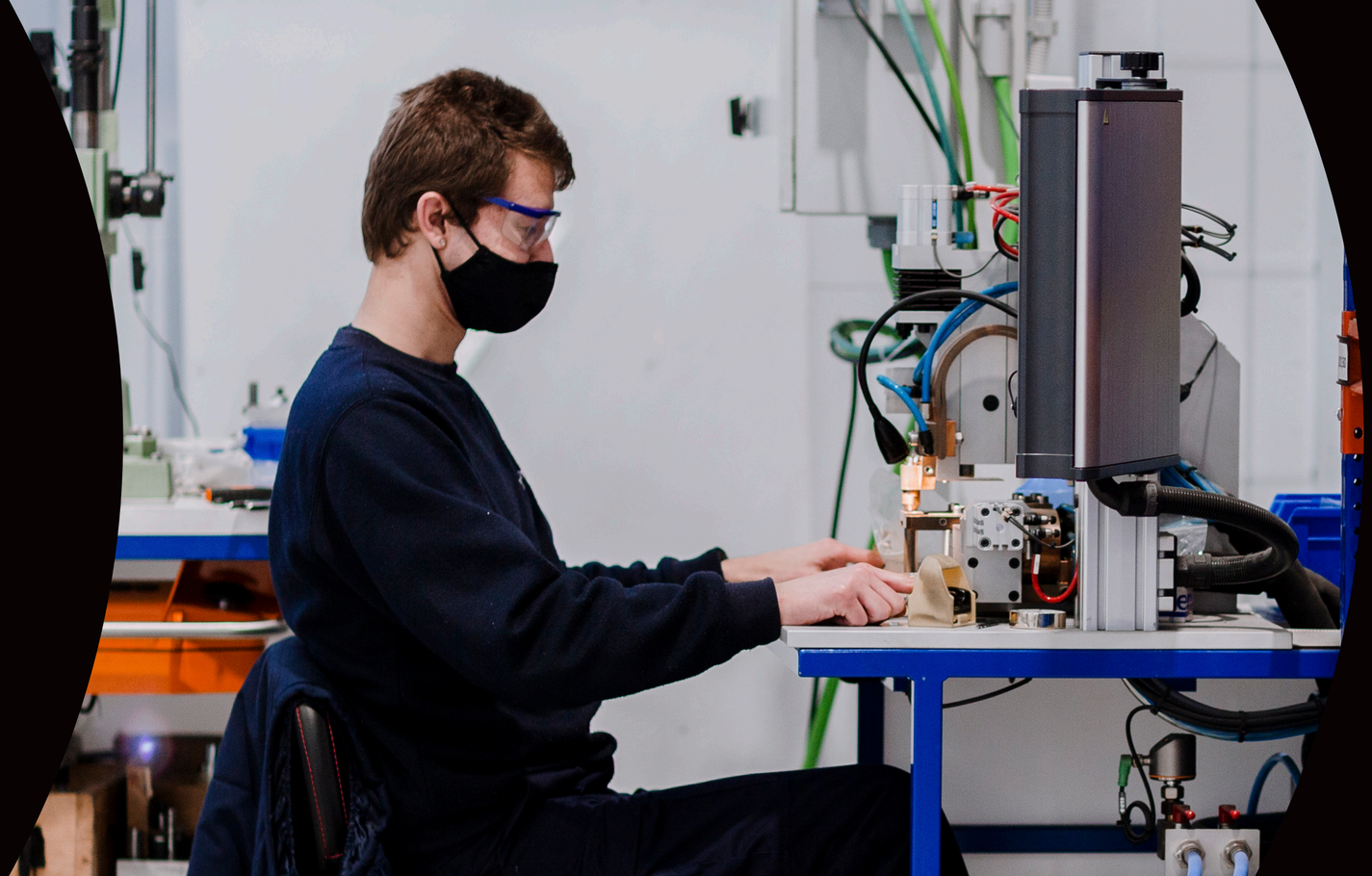
Because when you find the combination you need, it’s magic.

We accompany you so that your business keeps flowing, so that your production doesn’t stop, so that there are no problems with your operations. Because when everything goes as it should, everything flows.

Thanks to our extensive experience, our team of engineers, and our wide range of technologies, we will help you find or create the best solution to help you achieve your goals and boost your business.

We are at your side to help you find or create the best solution that suits your needs and helps you connect with what really matters, your customers.





4. Empowering what matters

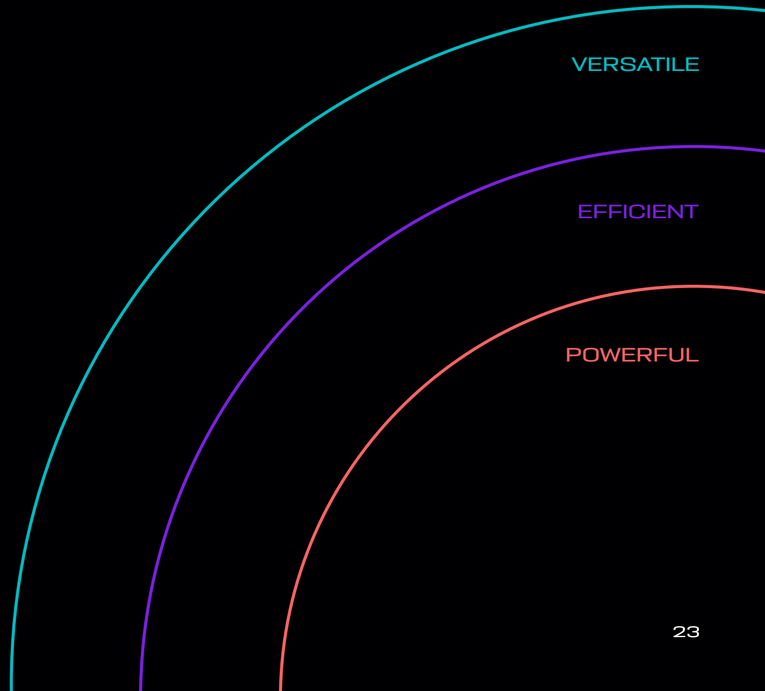


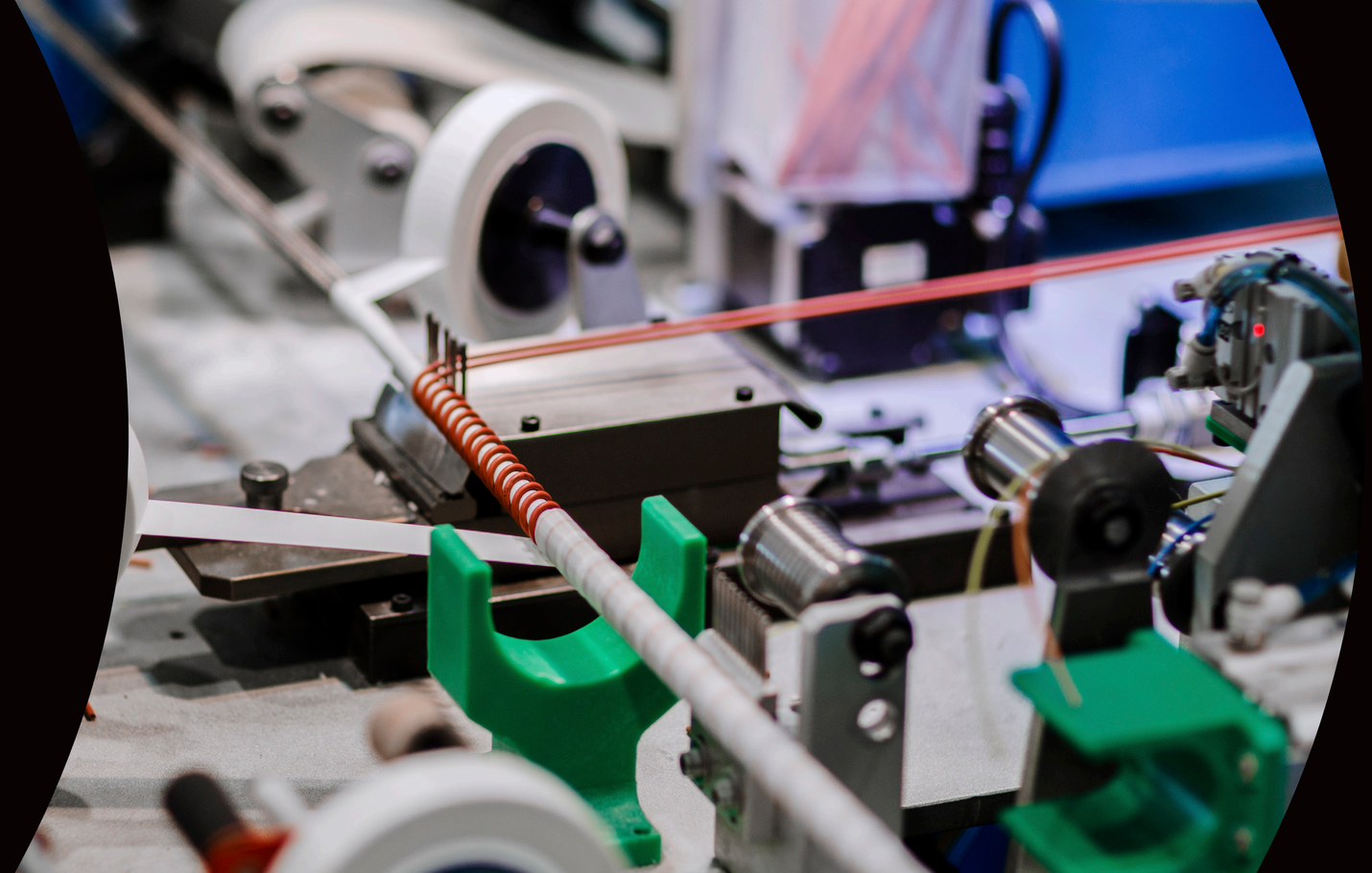
Arion, Meler's hose solution was created to boost your production capacity. The first specialist in improving the performance and efficiency of your hot melt adhesive transport processes. Thanks to its 3FORCE technology, you will discover a new versatile, efficient and powerful way to improve your results, systems and processes.

We provide you with the widest and most innovative range of hot melt adhesive transport solutions, with the best specialist team to help you find a solution for every need of your business. With a single goal, to take care of what matters to you and what surrounds you.

ARION
by meler

3FORCE Technology



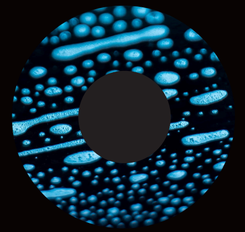


5. Empowering hoses

ARION by meler

We have the widest and most innovative range of solutions on the market, evolving and growing to provide new answers to your new needs.

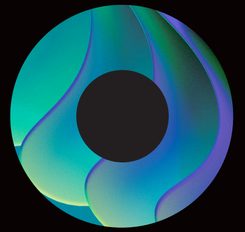
We have a solution for each of your challenges:



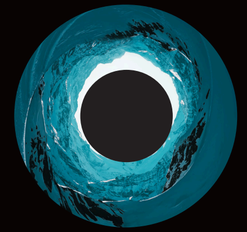
ARION ESSENTIAL



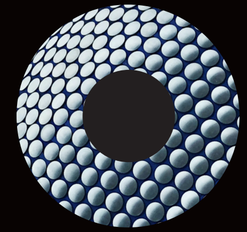
ARION HANDY



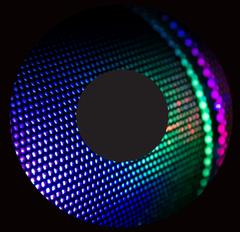
ARION VERSA



ARION AKUA



ARION CIRCLE



ARION RHYTHM



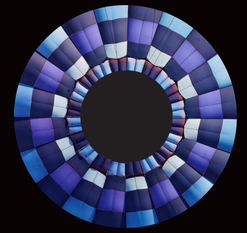
ARION QUARZ



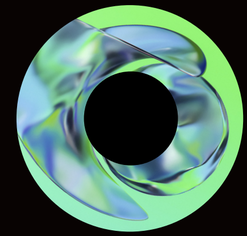
ARION INFERNO



ARION POWER



ARION BOLD



ARION WAVE

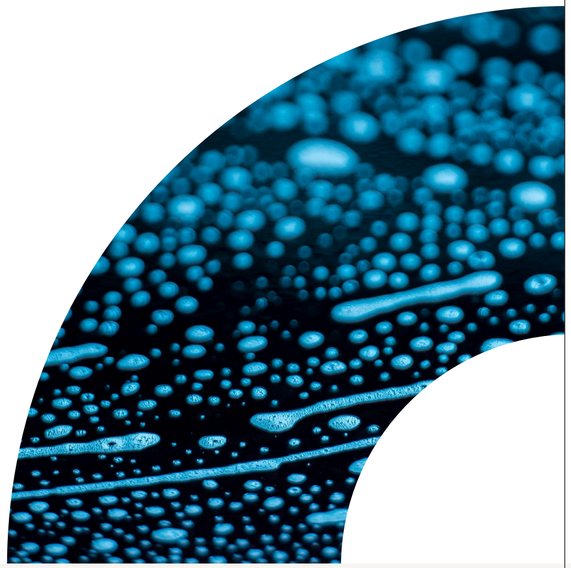
ARION ESSENTIAL

TO IMPROVE YOUR PROCESSES

The best way to automate your processes is to make everything flow.

A versatile, affordable and efficient solution that will help you improve the performance and safety of your adhesive application operations. Perfect for everyday use in all types of applications. The perfect solutions for everyday use.

The essential hose if you want to take the step to improve your processes and your results, in a simple, agile and efficient way.

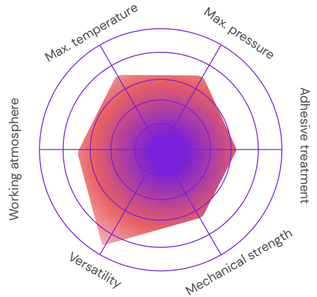


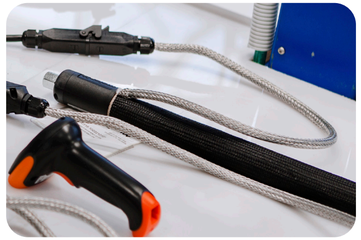
ADVANTAGES

- Process automation
- Improves operational performance
- Adaptation to all systems
- Increases the quality of your results

ARION by meler

CHARACTERISTICS









USES

Specialized in:
-
Applications:
Wide variety of applications
Markets:
Textil - Automotive - Packaging - Assembly - Matresses – Wood – Graphic Arts - Construction

SPECIFICATIONS

Inner diameter	Lengths	Maximum pressure at 200 °C	Hydraulic connection (female)
6, 8, 13, 16 and 20 mm	from 0.6 to 14 m	56 (Ø6) • 120 (Ø8) • 100 (Ø13) • 70 (Ø16) • 65 (Ø20) bar	JIC 9/16" (Ø6 and Ø8); GAS 1/4" (Ø6); M16x1.5 (Ø8); JIC 3/4" (Ø13); M22x1.5 (Ø13); JIC 1 1/16"(Ø16);M30x2 (Ø20) M30x1.5 (Ø20)

Minimum bending radius	Consumption	Voltage	Temperature	Temperature sensor
180 (Ø6) • 200 (Ø8) • 300 (Ø13) • 350 (Ø16) • 400 (Ø20) mm	90-225 Watt/m	200/230V AC	Max. 200 °C	Pt 100, Ni 120 and NTC

ARION HANDY

TO FOCUS ON DETAILS

Because even the best talent sometimes needs help.

A simple, safe and reliable solution that will help you to improve those processes that need a high level of detail, and that we apply manually today. A new possibility to improve what we do, making people and machines merge. The solution you need for manual applicators.

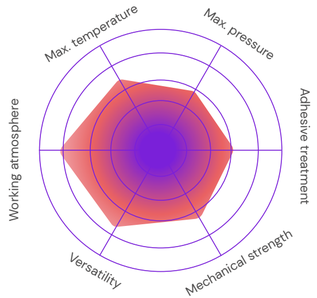


ADVANTAGES

- Semi-automation of processes
- Facilitates application
- Operator protection
- Improves process efficiency
- Increases the quality of your product

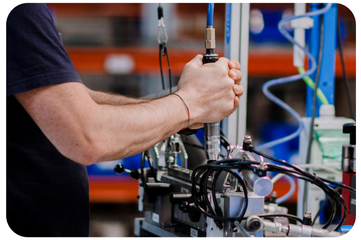
ARION by meler

CHARACTERISTICS



USES

Specialized in:
Assembly / Mattresses
Applications:
Manual operations / Details and good finishes
Markets:
Textil - Automotive - Packaging - Assembly - Matresses – Wood – Graphic Arts - Construction







SPECIFICATIONS

*Version for bead and swirl without internal air hose: Ø8 y Ø13

*Version for swirl (internal air hose): Ø10

Inner diameter	Lengths	Maximum pressure at 200 °C	Hydraulic connection (female)
8, 10 and 13 mm	from 0.6 to 14 m	130 (Ø8) • 120 (Ø10) • 105 (Ø13) bar	JIC 9/16" (Ø8 and Ø10); JIC 3/4" (Ø13)

Minimum bending radius	Consumption	Voltage	Temperature	Temperature sensor
200 (Ø8-Ø10) • 300 (Ø13) mm	90-160 Watt/m	120/200/230V AC	Max. 200 °C	Pt 100, Ni 120

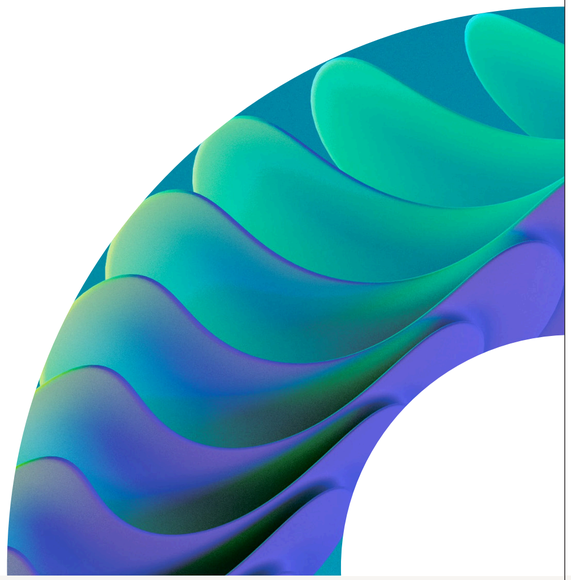
ARION VERSA

TO REACH THE SEEMINGLY INACCESSIBLE

For when space is an issue.

Sometimes space is a problem when it comes to improving our operations and processes. Optimising the available production space and reaching places where others haven't to make your processes more efficient and improve the quality of your products, is what these solutions are known for.

Reduced diameter hoses to access places where you can't now. This hose solution is especially useful in small facilities, where maximum use of space is required.

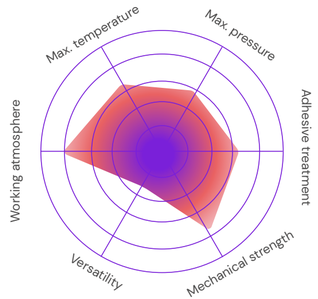


ADVANTAGES

- Improves the process
- Goes where others don't
- Optimises production space
- Improves process efficiency
- Increases product quality
- Accessibility
- Dynamisation: Automatic and transfer

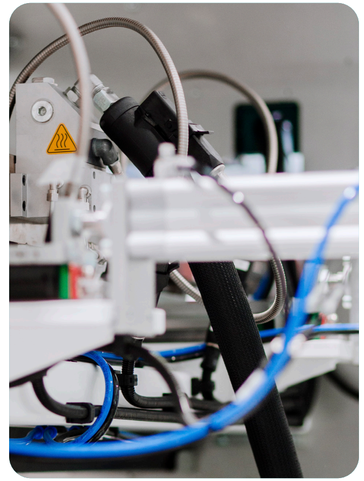
ARION by meler

CHARACTERISTICS



USES

Specialized in:
Packaging
Applications:
Small instalations
Markets:
Textil- Automotive - Packaging - Assembly - Matresses – Wood – Graphic Arts - Construction





SPECIFICATIONS

Inner diameter	Lengths	Maximum pressure at 200 °C	Hydraulic connection (female)
6 and 8 mm	from 0.6 to 14 m	156 (Ø6) • 130 (Ø8) bar	JIC 1/2" and JIC 9/16"

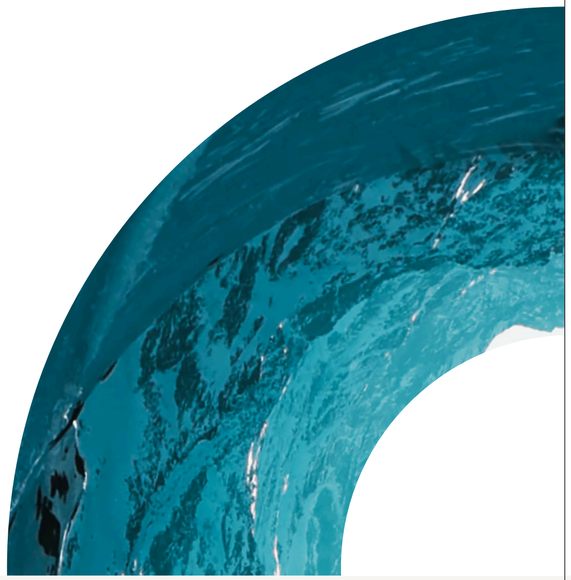
Outer diameter	Min. bending radius	Consumption	Voltage	Temperature	Temperature sensor
30 mm	180 (Ø6) • 200 (Ø8) mm	100 Watt/m	200/230V AC	Max. 200 °C	Pt 100, Ni 120

ARION AKUA

TO BE WATER-RESISTANT

Because sometimes we need the best in wet working atmospheres.

When the working conditions and environment require good moisture resistance and fluid tolerance, our automatic and transfer hose solutions with a special coating with 100% leak-tightness are perfect.

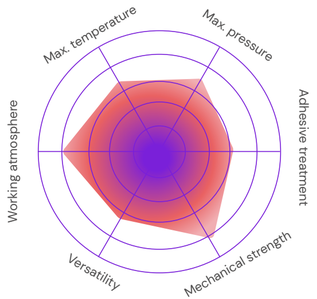


ADVANTAGES

- Improves machinery maintenance
- 100% waterproof
- Helps improve the cleaning process
- Accessibility

ARION by meler

CHARACTERISTICS



USES

Specialized in:
Labelling / Packaging
Applications:
Wet working atmospheres
Markets:
Textil - Automotive - Packaging - Assembly - Matresses – Wood – Graphic Arts - Construction







SPECIFICATIONS

Inner diameter	Lengths	Maximum pressure at 200 °C	Hydraulic connection (female)
6, 8 and 13 mm	from 0.6 to 7.2 m	156 (Ø6) • 130 (Ø8) • 105 (Ø13) bar	JIC 9/16" (Ø6 y Ø8); GAS 1/4" (Ø6); M16x1,5 (Ø8); JIC 3/4" (Ø13); M22x1,5 (Ø13)

Minimum bending radius	Consumption	Voltage	Temperature	Temperature sensor
160 (Ø6) • 180 (Ø8) • 300 (Ø13) mm	95-160 Watt/m	230V AC	Max. 200 °C	Pt 100, Ni 120 and NTC

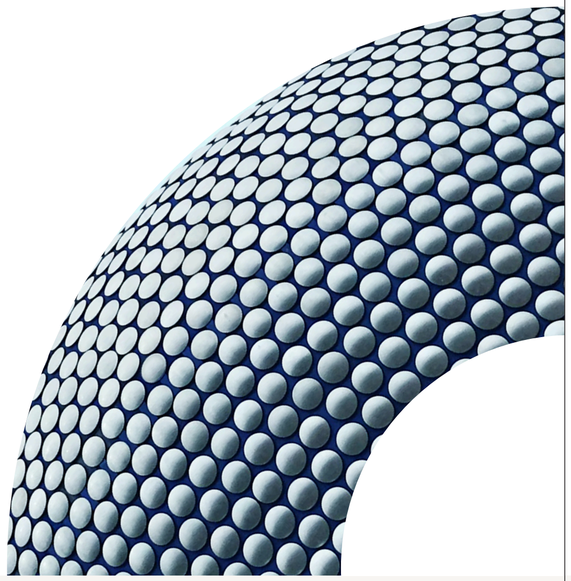
ARION CIRCLE

TO KEEP EVERYTHING FLOWING

Because we should have zero impact on the industrial environment.

For a longer service life, to solve application problems, and to have more autonomy in processes. A solution designed to reduce the maintenance of your operations, improve the pace of them, and protect the quality of our products. A removable hydraulic core that will make it easier to repair, reduce maintenance and replacement costs, and control the flow of adhesive.

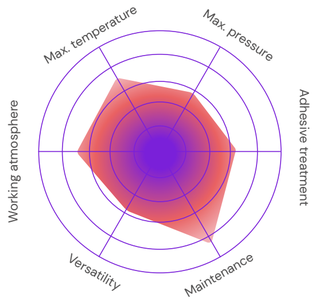
A circular solution, which improves the impact on our environment, with a more responsible, efficient solution to reduce spare parts and increase durability.



ADVANTAGES

- Reduces maintenance cost
- Improves the process
- Extends hose life
- Sustainable solution
- Reduces machine downtime

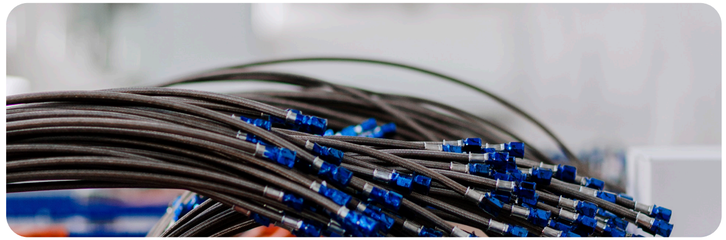
CHARACTERISTICS



USES

Specialized in:
Automotive
Applications:
-
Markets:
Textil - Automotive - Packaging - Assembly - Matresses – Wood – Graphic Arts - Construction

ARION by meler



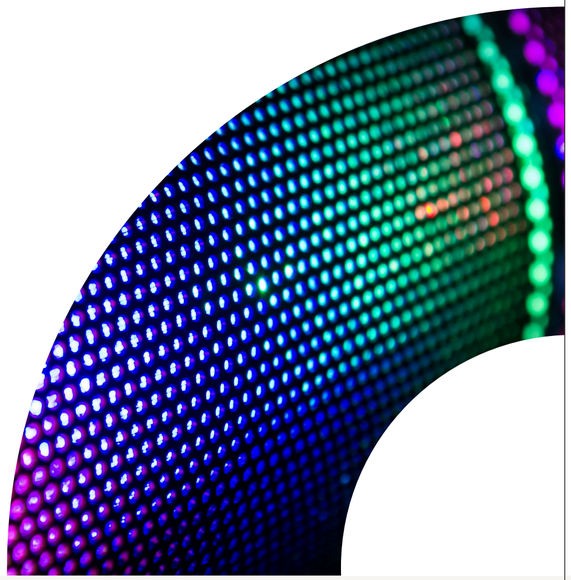


SPECIFICATIONS

Inner diameter	Lengths	Maximum pressure at 200 °C	Hydraulic connection (female)
8 mm	from 0.6 to 7.2 m	130 bar	JIC 9/16” - M16x1.5

Minimum bending radius	Consumption	Voltage	Temperature	Temperature sensor
250 mm	200 Watt/m	230V AC	Max. 200 °C	Pt 100, Ni 120 and NTC

ARION RHYTHM



TO KEEP THE RHYTHM GOING

Because sometimes the rhythm won't stop, and we need solutions that are able to move at the speed we need.

Our dynamic hoses will help you in your process automation, giving you the flexibility and precision you need in those impossible turns and dynamic movements, to maximise production and keep business moving.

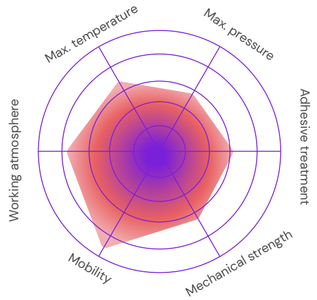
Hoses specifically designed to withstand higher torsional and flexing forces, their installation in robotic applications is key to long-lasting, quality applications and higher productivity.

ADVANTAGES

- Process automation (Robotic applic.)
- Increased productivity
- Flexibility
- Dynamic operations
- Withstands torsional and flexing forces
- Perfect for robot paths

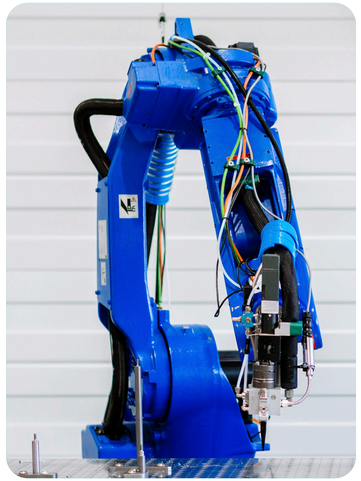
ARION by meler

CHARACTERISTICS



USES

Specialized in:
Automotive Industry
Applications:
Movement applications
Markets:
Textil- Automotive - Packaging - Assembly - Matresses – Wood – Graphic Arts - Construction





SPECIFICATIONS

Inner diameter	Lengths	Maximum pressure at 200 °C	Hydraulic connection (female)
8 and 13 mm	From 0.6 to 7.2 (Ø8 230VAC); From 0.6 to 5.4 (Ø13 230VAC); From 0.6 to 6 (Ø8 200VAC); From 0.6 to 4.2 (Ø13 200VAC)	130 (Ø8) • 120 (Ø10) • 105 (Ø13) bar	JIC 9/16" (Ø6); JIC 3/4" (Ø13)

Minimum bending radius	Consumption	Voltage	Temperature	Temperature sensor
200 (Ø8) • 300 (Ø13) mm	90-150 Watt/m	200/230V AC	Max. 200 °C	Pt 100, Ni 120

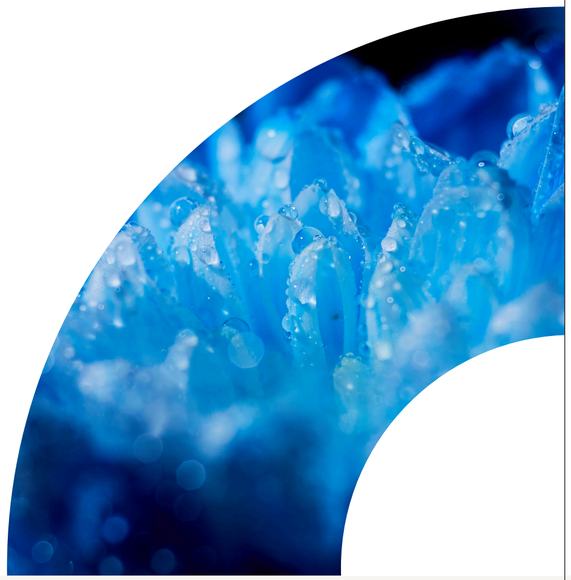
ARION QUARZ

TO DO THE MOST DEMANDING TASKS

Because making an effort is sometimes not enough.

A robust, resilient and high-performance solution that will help you in demanding processes and operations. Almost indestructible for jobs with high resistance, wear and tear, chafing or danger of breakage. Improve your efficiency, reduce your maintenance costs and provide greater flexibility in your production for a resilient business.

The hose designed for installation on cable chains. Hoses produced with a specific external mesh to withstand friction or abrasion stresses that give them a longer life than the rest for applications with this type of movement, or forces and friction. The outer mesh makes this hose more resistant, allowing it to work under the most demanding environments and in complex facilities.

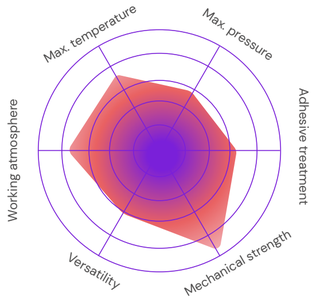


ADVANTAGES

- Flexibility in production
- Designed for energy chains
- Increased performance
- Improved hose life

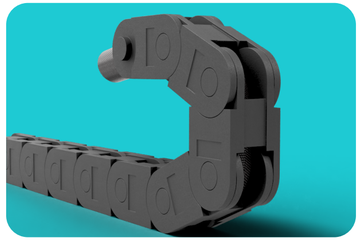
ARION by meler

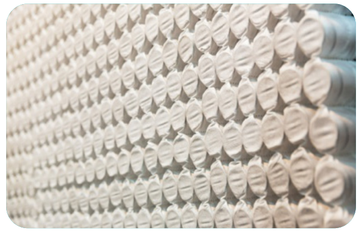
CHARACTERISTICS



USES

Specialized in:
Mattresses Industry
Applications:
Cable chains application
Markets:
Textil - Automotive - Packaging - Assembly - Matresses – Wood – Graphic Arts - Construction







SPECIFICATIONS

Inner iameter	Lengths	Maximum pressure at 200 °C	Hydraulic connection (female)
8 and 13 mm	from 0.6 to 10 m	130 (Ø8) • 105 (Ø13) bar	JIC 9/16" (Ø8); JIC 3/4" (Ø13)

Minimum bending radius	Consumption	Voltage	Temperature	Temperature sensor
200 (Ø8) • 300 (Ø13) mm	90-150 Watt/m	200/230V AC	Max. 200 °C	Pt 100, Ni 120

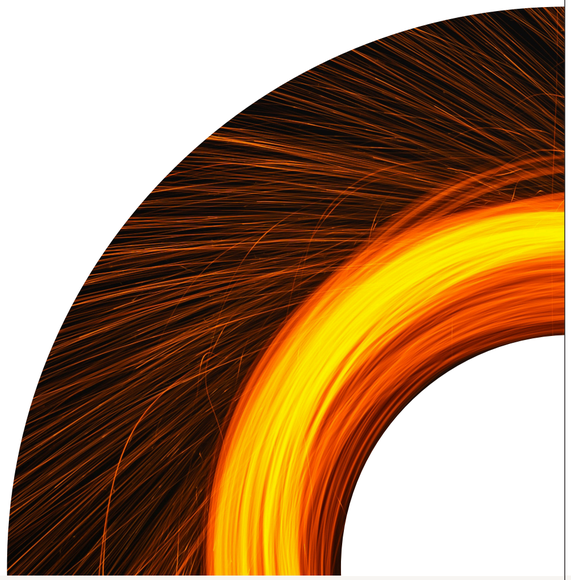
ARION INFERNO

TO WITHSTAND HIGH TEMPERATURES

For those processes where temperature makes the difference.

In extreme temperature environments, tough and durable hoses are required to help us make those special solutions work to improve the quality of our products.

Our hoses reach temperatures that no one else can reach, resisting temperatures up to 250º C. Thanks to its higher wattage it can be used in environments where the adhesive application temperature needs to be high.

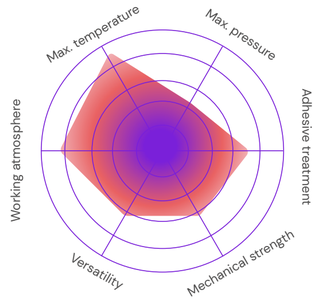


ADVANTAGES

- Increased reliability
- Allows the use of very special adhesives
- Increases hose life
- High temperature resistant
- Improves the quality of the process

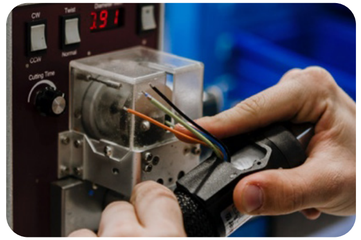
ARION by meler

CHARACTERISTICS

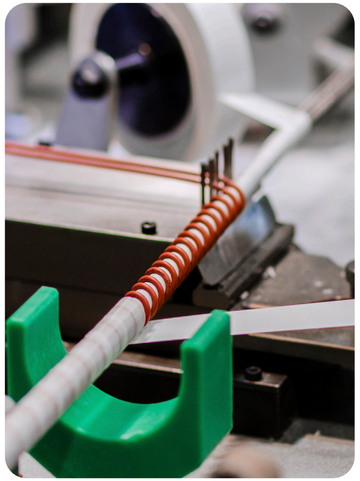


USES

Specialized in:
Overmolding
Applications:
Polyamide
Markets:
Textil - Automotive - Packaging - Assembly - Matresses – Wood – Graphic Arts - Construction







SPECIFICATIONS

Inner diameter	Lengths	Maximum pressure at 200 °C	Hydraulic connection (female)
8 and 13 mm	from 0.6 to 10 m	80 (Ø8) • 60 (Ø13) bar	JIC 9/16" (Ø8); M16X1,5 (Ø8); JIC 3/4" (Ø13); M22x1,5 (Ø13)

Minimum bending radius	Consumption	Voltage	Temperature	Temperature sensor
200 (Ø8) • 300 (Ø13) mm	90-225 Watt/m	200/230V AC	Max. 200 °C	Pt 100, Ni 120 and NTC

ARION POWER

TO GO THE EXTRA MILE

When we are under a lot of pressure, we need help.

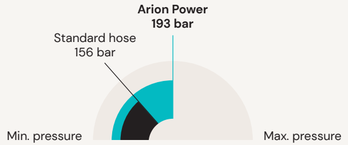
Not everything flows in the same way, sometimes we need high pressures to make everything go as it should. For those processes where we need high pressures to circulate and apply our adhesive in our processes.

The perfect solution for advanced machinery, extruders, making it possible to transport more viscous fluids. With a larger diameter, it improves the production and performance of our processes, making the use of extruders possible, or transporting much more viscous fluids.



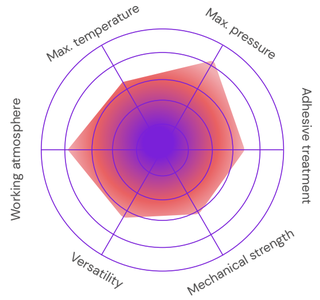
ADVANTAGES

- Improves the process
- Use in extruders
- Greater fluidity and diameter
- Improves production



ARION by meler

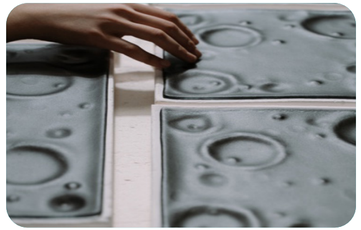
CHARACTERISTICS



USES

Specialized in:
-
Applications:
Extruders
Markets:
Textil - Automotive - Packaging - Assembly - Matresses – Wood – Graphic Arts - Construction







SPECIFICATIONS

Inner diameter	Lengths	Maximum pressure at 200 °C	Hydraulic connection (female)
8, 13, 16 and 20 mm	from 0.6 to 14 m	193 (Ø8) • 140 (Ø13) • 109 (Ø16) • 105 (Ø20) bar	JIC 9/16" (Ø8); M16x1,5 (Ø8); JIC 3/4" (Ø13); M22x1,5 (Ø13); JIC 1 1/16"(Ø16);M30x2 (Ø20) M30x1,5 (Ø20)

Minimum bending radius	Consumption	Voltage	Temperature	Temperature sensor
180 (Ø6) • 200 (Ø8) • 300 (Ø13) • 350 (Ø16) • 400 (Ø20) mm	90-225 Watt/m	230V AC	Max. 200 °C	Pt 100, Ni 120 and NTC

ARION BOLD

TO EXPLORE NEW WORLDS

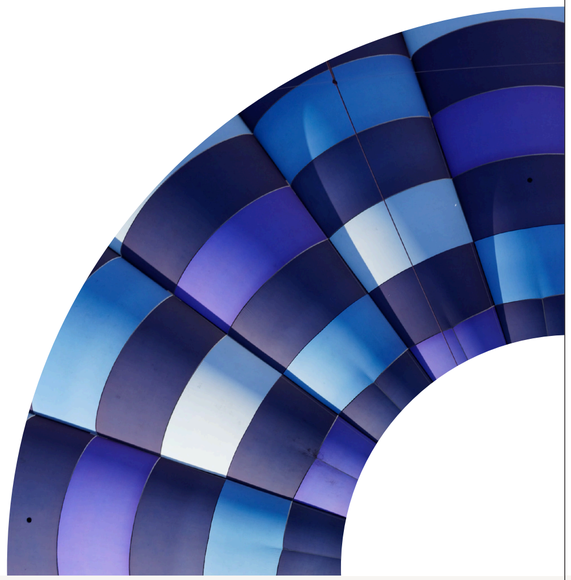
Sometimes you have to go further to find the best solution.

Sometimes you need to surpass all limits for everything to work as it should. These very high pressure conditions make it impossible to have high consistency and reliability.

Our special-coated and large-diameter hose solutions will help us in the most demanding applications, in processes involving long high-pressure pipelines, avoiding pressure pulsations and improving the reliability of our applications.

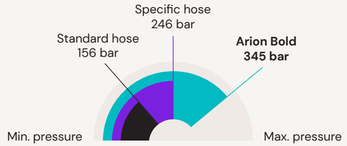
The perfect solution for advanced machinery and extruders, making it possible to transport more viscous and complex fluids, all types of greases, and butyls. Everything is possible thanks to the perfect solution to go further. Don't let the pressure stop you.

It opens the door to a new world of applications, to do things that others can't, and to explore new territory. With the assurance that the reliability, accuracy and performance of your processes will not stand in the way of these hoses.



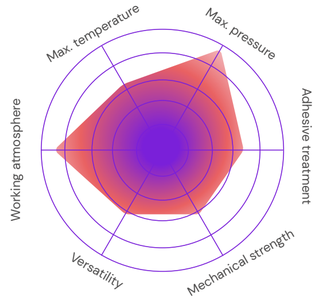
ADVANTAGES

- Use of new applications
- Increased precision in the adhesive flow
- Increased fluidity and efficiency
- Achieving the impossible
- Optimizing your work



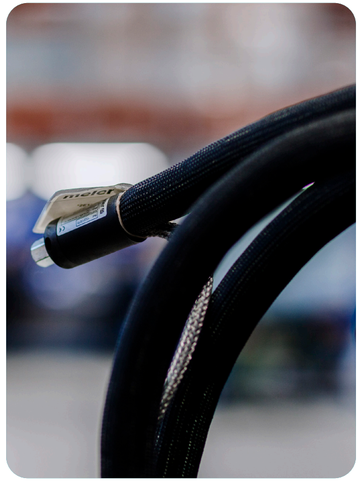
ARION by meler

CHARACTERISTICS



USES

Specialized in:
Greases, butyls and silicones
Applications:
Fluid applications
Markets:
Textil- Automotive - Packaging - Assembly - Matresses – Wood – Graphic Arts - Construction







SPECIFICATIONS

Inner diameter	Lengths	Maximum pressure at 200 °C	Hydraulic connection (female)
13, 16 and 20 mm	from 0.6 to 10 m	345 bar	JIC 3/4" (Ø13); M22x1,5 (Ø13); JIC 1 1/16"(Ø16); M30x2 (Ø20) M30x1,5 (Ø20)

Minimum bending radius	Consumption	Voltage	Temperature	Temperature sensor
190 (Ø13) • 210 (Ø16) • 400 (Ø20) mm	90-225 Watt/m	200/230V AC	Max. 200 °C	Pt 100, Ni 120 and NTC

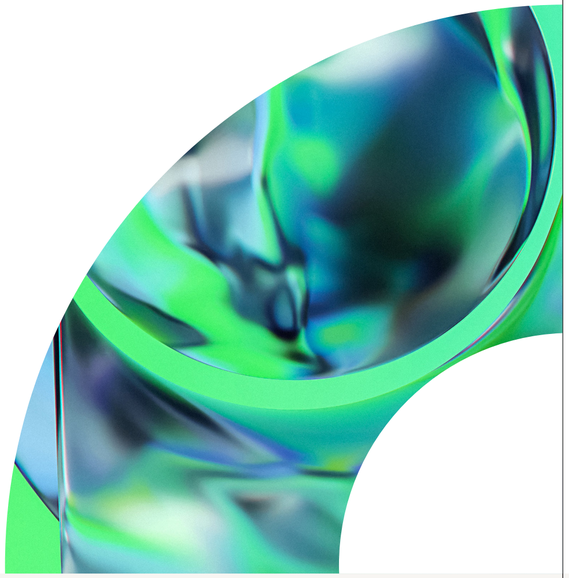
ARION WAVE

FOR FOAM APPLICATIONS IN MOTION

ROBOTIZED APPLICATIONS AND WATERPROOF HOSES

The movement of all operations in each of the production processes is increasingly necessary and frequent. The Arion Wave hose has been specifically designed for foam applications with movement.

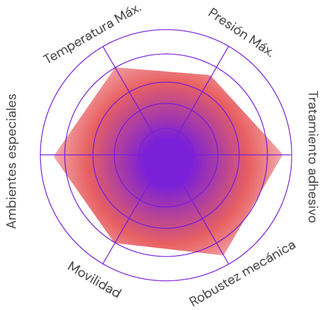
Arion Wave is the ideal hose for daily production without unnecessary line stoppages. This model stands out for its leak-proof design, which preserves the air inside the hose.



ADVANTAGES

- Reduces machine downtime
- Processes automation
- ≤50% Adhesive consumption reduction
- Torsional and bending stress
- Perfect for 4.0 industry
- Continuous production
- FOAM Adhesive
- Sustainable solution

CHARACTERISTICS



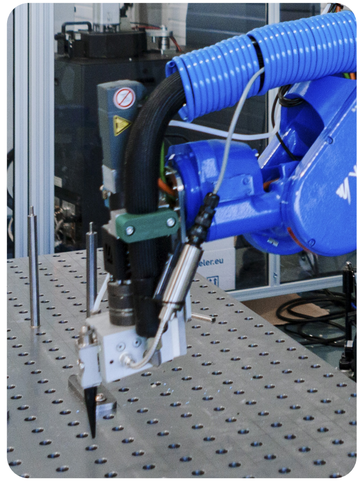
USES

Specialized in:
Automotive / Assembly
Applications:
Manual operations / Details and good finishes
Markets:
Textil- Automotive - Packaging - Assembly - Matresses – Wood – Graphic Arts - Construction

VERSIONS

Arion Wave hose on demand. A solution created in conjunction with the Raptor Handy applicator, designed for manual foam applications.





SPECIFICATIONS

Inner diameter	Lengths	Maximum pressure at 200 °C	Hydraulic connection (female)
8 and 13 mm	from 0.6 to 14 m	120 (Ø8) • 140 (Ø13) bar	JIC 9/16" (Ø8), M16X1,5 (Ø8), JIC 3/4" (Ø13), M22X1,5 (Ø13)

Minimum bending radius	Consumption	Voltage	Temperature	Temperature sensor
200 (Ø8) • 100 (Ø13) mm	110-160 Watt/m	230V AC	Max. 200 °C	Pt 100, Ni 120



6. Empower your system

100% BETTER

Improve processes
Reduce costs
Increase opportunities

We are at your side to help you find or create the best solution that suits your needs and helps you connect with what really matters, your customers.

All our technological solutions are designed to improve any part of your system and adhesive process, whatever your equipment is. They are designed so that you can multiply your opportunities and options to improve your processes, without large investments, finding the best combination. Reducing your maintenance and repair costs, and improving the efficiency and quality of your processes.

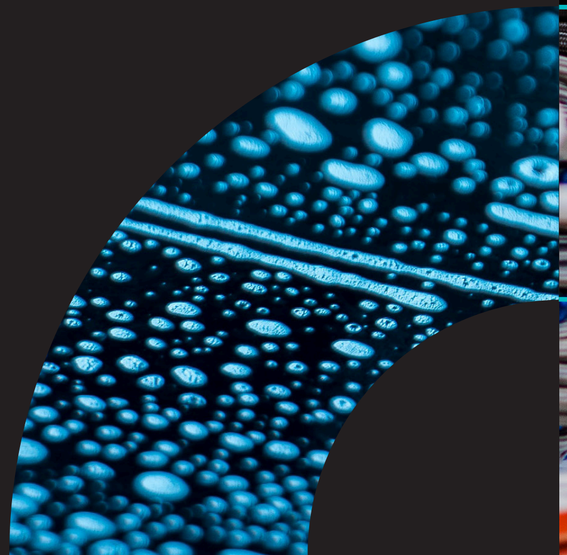
Because sometimes perfection is found in the small details, which we don't pay enough attention to, and which help us to improve who we are in a magical way.

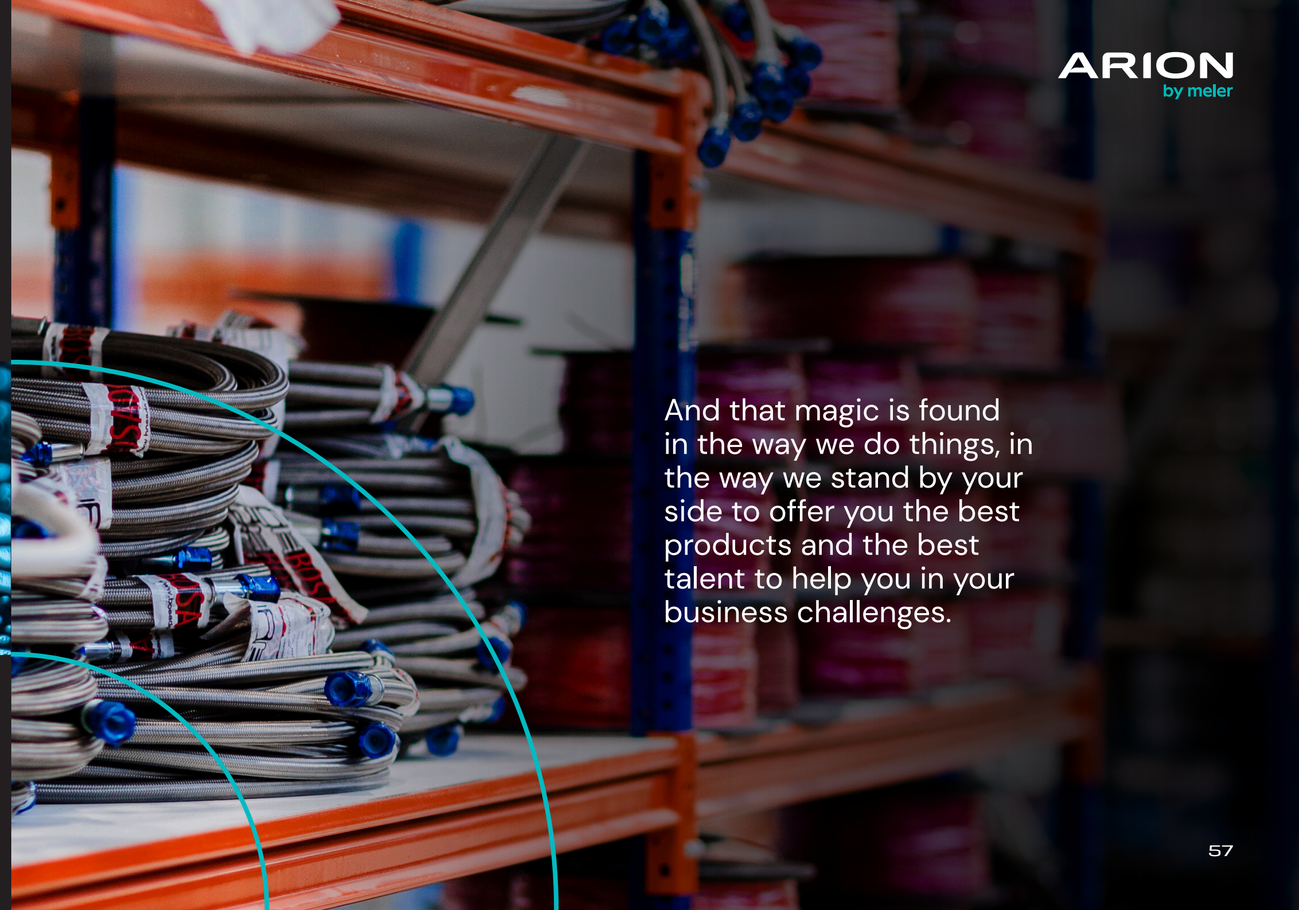




7.
Our magic

All science has some magic in it.





ARION
by meler

And that magic is found in the way we do things, in the way we stand by your side to offer you the best products and the best talent to help you in your business challenges.

A Tirelessly Dreaming team:



We look for and find solutions where no one else has found them, never stopping in our efforts to build the best with you. Always thinking about the next step so you can discover new ways to push what matters to you.

Being always Humanly Empathetic:



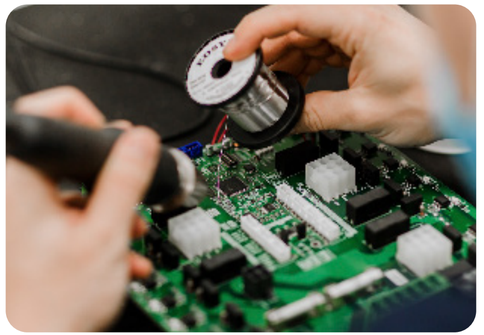
Walking beside you, we care about what matters to you. We listen to you and take care of all your concerns, understanding that we are people working with people, that your success is our success.

With a Responsibly Courageous attitude:



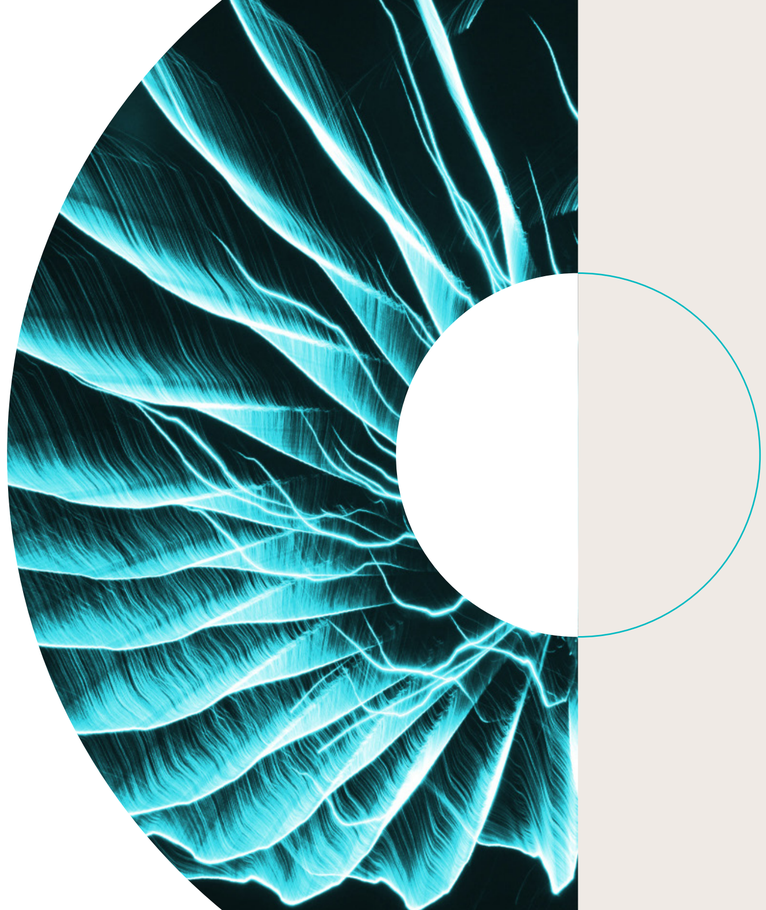
We are not afraid of challenges, we face them with the firm conviction that we can overcome them, thanks to our experience we know the paths we can walk together and those we cannot.

With Sophisticatedly Ingenious Solutions:



Because sometimes the most innovative solution is not the most complex, because we are able to provide creative solutions that take care of the smallest detail so that everything works as it should.

And of course, all magic should have some science in it.



That’s why we work to ensure that our products and solutions meet your challenges in the best possible way.

EMPOWERING HOSES.

MELER

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meler.eu

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