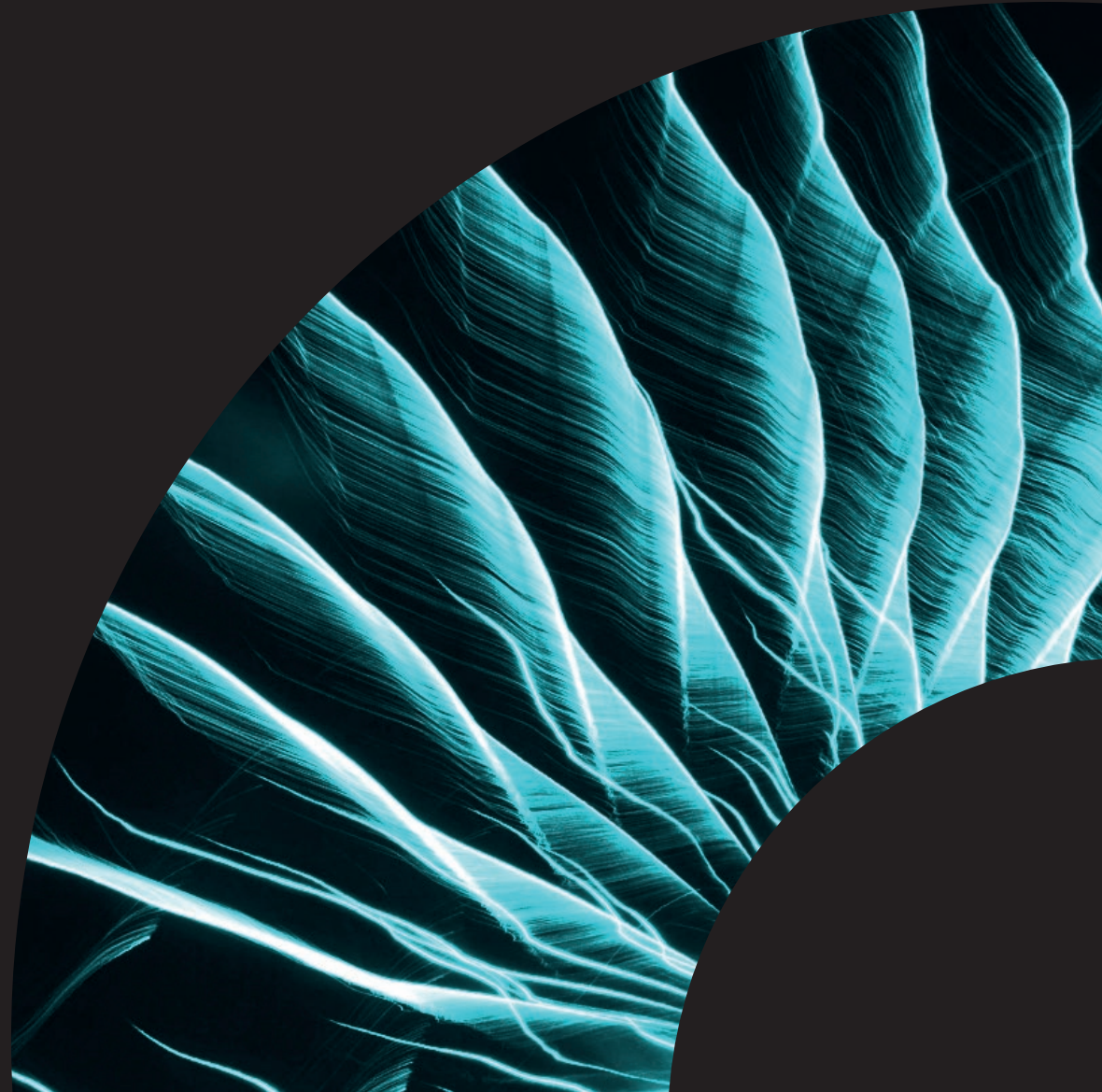
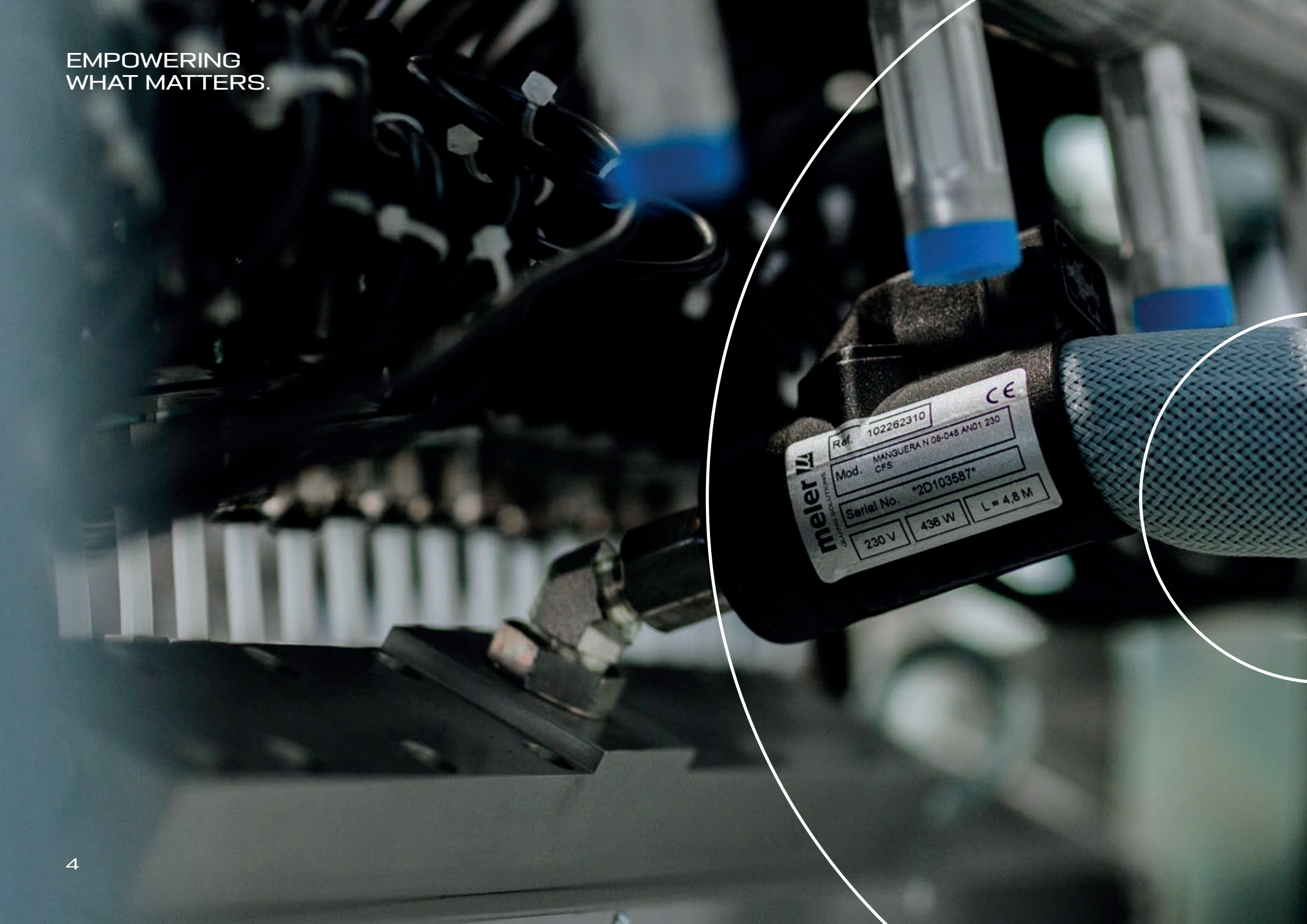


Empowering
what matters.
Empowering
hoses.

ARION
by meler



EMPOWERING HOSES.

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

EMPOWERING
WHAT MATTERS.

ARION
by meler

1. Intro

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.

EMPOWERING
WHAT MATTERS.

ARION
by meler

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

Welcome to ARION

ARION
by meler

3FORCE technology

VERSATILE

EFFICIENT

POWERFUL

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.

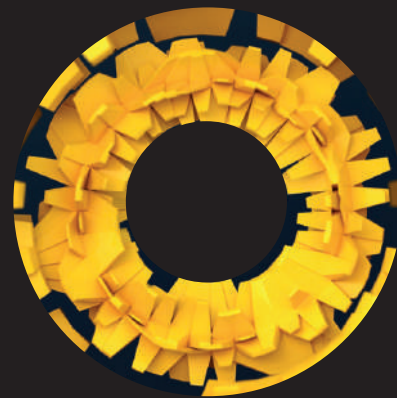
We provide you with the widest and most innovative range of hot melt adhesive transport solutions, with the best specialist team to help you find a solution for every need of your business. With a single goal, to take care of what matters to you and what surrounds you.

5. Empowering hoses

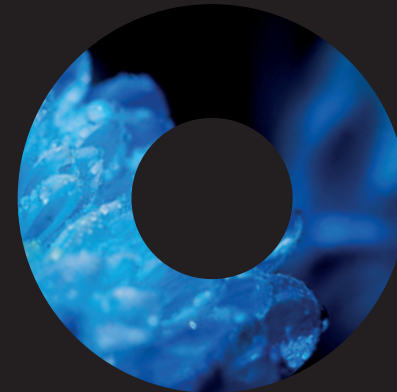
5. EMPOWERING HOSES

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

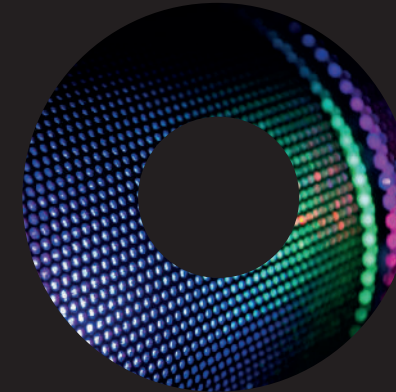
We have a solution for each of your challenges:



ARION HANDY



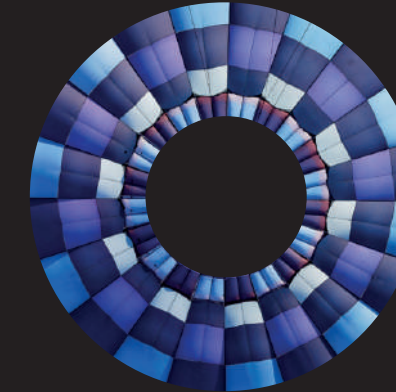
ARION QUARZ



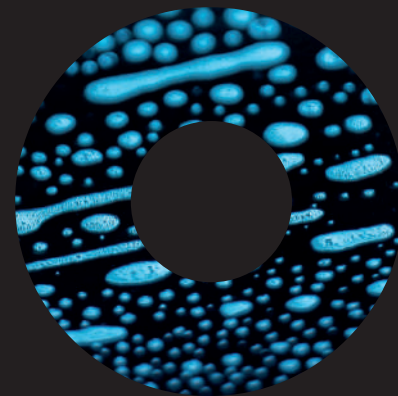
ARION RHYTHM



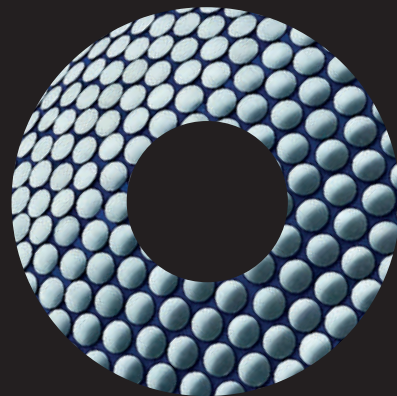
ARION POWER



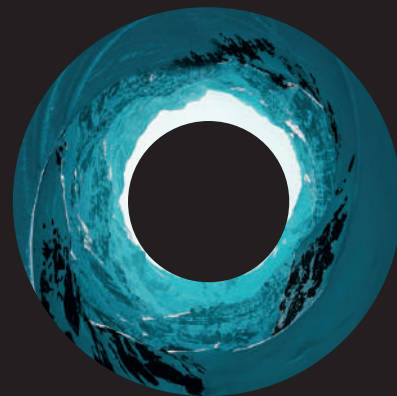
ARION BOLD



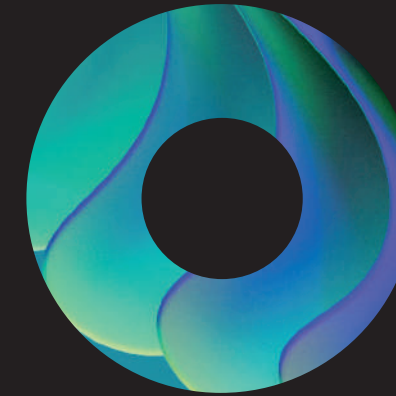
ARION ESSENTIAL



ARION CIRCLE



ARION AKUA



ARION VERSA



ARION INFERNO

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

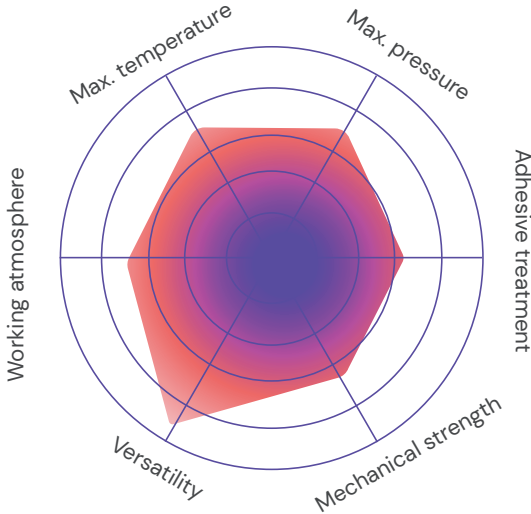
Process automation

Improves operational performance

Adaptation to all systems

Increases the quality of your results

CHARACTERISTICS



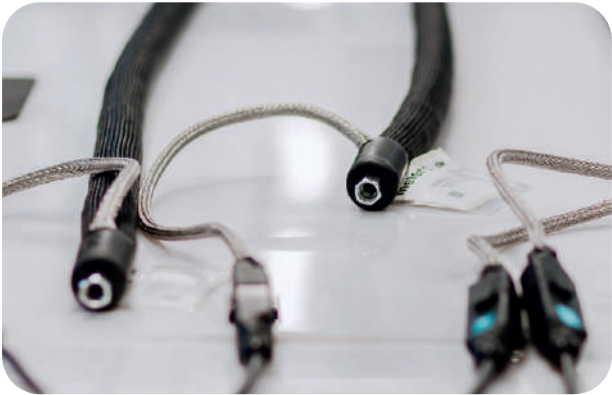
USES

Specialized in:

-

Applications:
Wide variety of applications

Markets:
Textiles, Automotive, Packaging, Assembly, Mattresses, Wood, Graphic arts, Construction.



SPECIFICATIONS

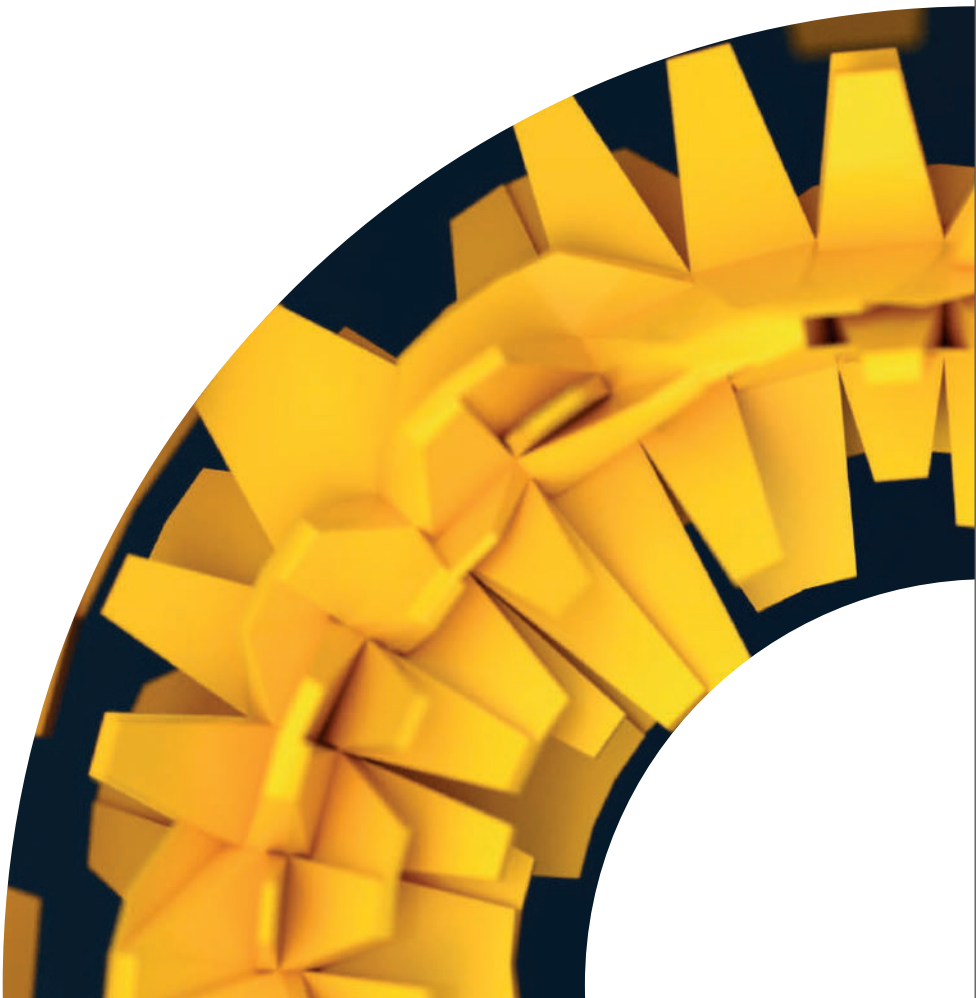
<div>Diameter</div> <div>6,8,13,16 and 20 mm</div>	<div>Lengths</div> <div>From 0.6 to 14m</div>	<div>Maximum pressure 200°C (bar)</div> <div>156(Ø6), 130(Ø8), 105(Ø13), 77(Ø16) and 77(Ø20)</div>	<div>Hydraulic connection (female)</div> <div>JIC 9/16" (Ø6 and Ø8); GAS 1/4" (Ø6); M16x1.5 (Ø8); JIC 3/4" (Ø13); M22x1.5 (Ø13); JIC 1 1/16"(Ø16);M30x2 (Ø20) M30x1.5 (Ø20)</div>
<div>Minimum bending radius (mm)</div> <div>180(Ø6), 200(Ø8), 300(Ø13), 350(Ø16) y 400(Ø20)</div>	<div>Consumption (Watt/m)</div> <div>90-225</div>	<div>Voltage</div> <div>200/230V AC</div>	<div>Max temp.</div> <div>200°C</div>
			<div>Temperature sensor</div> <div>Pt100, Ni120 and NTC</div>

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

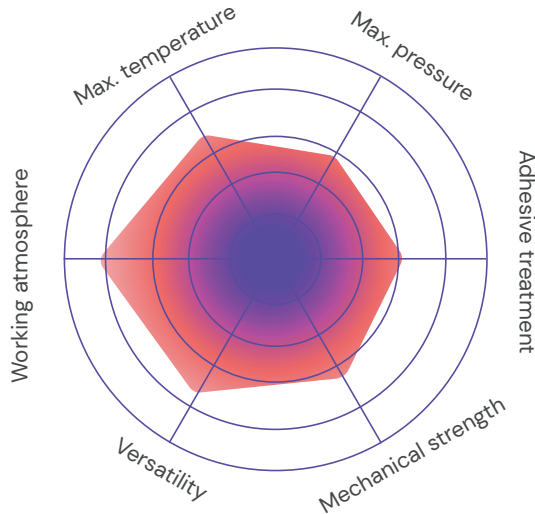


Improves process efficiency



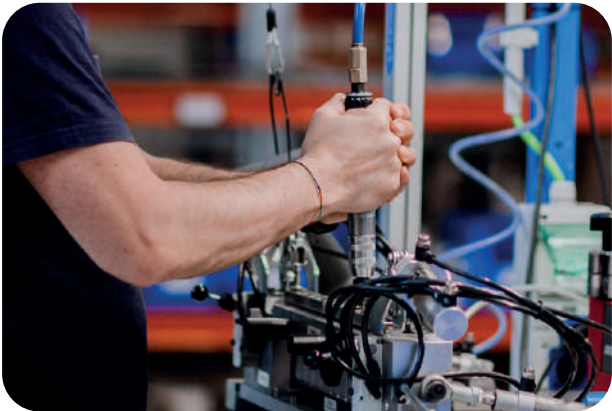
Increases the quality of your product

CHARACTERISTICS



USES

Specialized in:
Assembly / Mattresses
Applications:
Manual operations. Details and good finishes
Markets:
Textiles, Automotive, Packaging, Assembly, Mattresses, Wood, Graphic arts, Construction.



SPECIFICATIONS

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

*Version for swirl (internal air hose): Ø10

Diameter	Lengths	Maximum pressure 200°C (bar)	Hydraulic connection (female)
8,10 and 13 mm	From 0.6 to 14m	130(Ø8), 120, (Ø10), 105(Ø13)	JIC 9/16" (Ø8 and Ø10); JIC 3/4" (Ø13)
Minimum bending radius (mm)	Consumption (Watt/m)	Voltage	Max temp.
200(Ø8 and Ø10), 300(Ø13)	90-160	120/200/230V AC	200°C
			Temperature sensor
			Pt100, Ni120

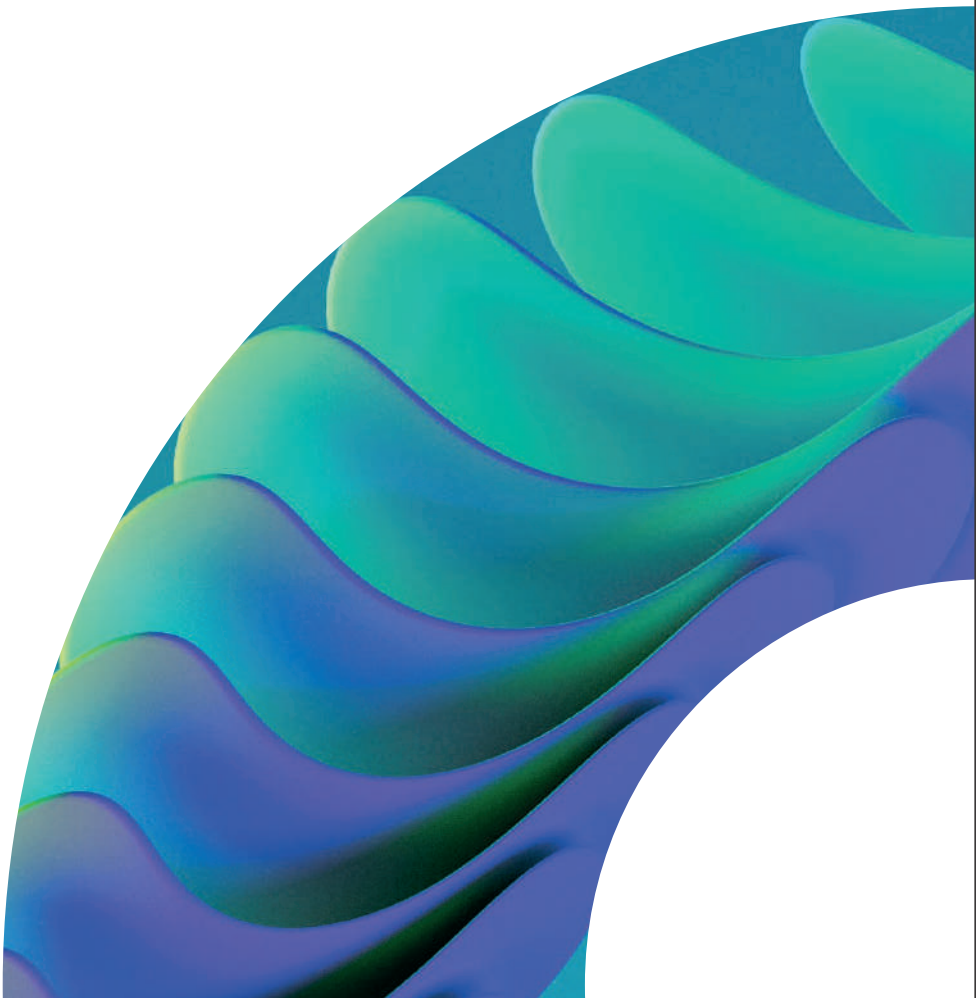
ARION VERSA

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

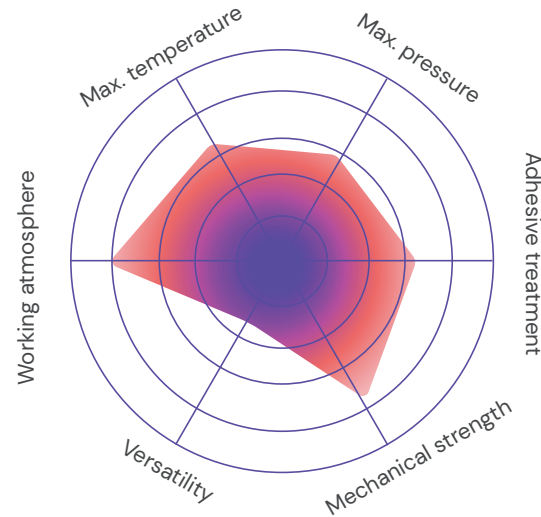


Accessibility



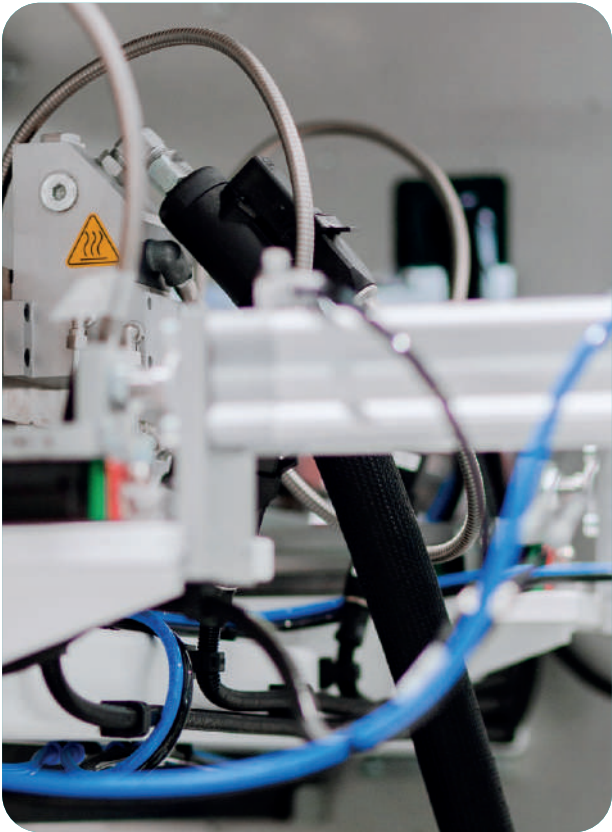
Dynamisation: Automatic and transfer

CHARACTERISTICS



USES

Specialized in:
Packaging
Applications:
Small installations
Markets:
Textiles, Automotive, Packaging, Assembly, Mattresses, Wood, Graphic arts, Construction.



SPECIFICATIONS

Diameter	Lengths	Maximum pressure 200°C (bar)		Hydraulic connection (female)	
6 and 8 mm	From 0.6 to 14m	156(Ø6), 130(Ø8)		JIC 1/2" y JIC 9/16"	
Outer diameter	Min. bending radius	Consumption (Watt/m)	Voltage	Max temp.	Temperature sensor
30 mm	180 (Ø6), 200 (Ø8)	100	200/230V AC	200°C	Pt100, Ni120

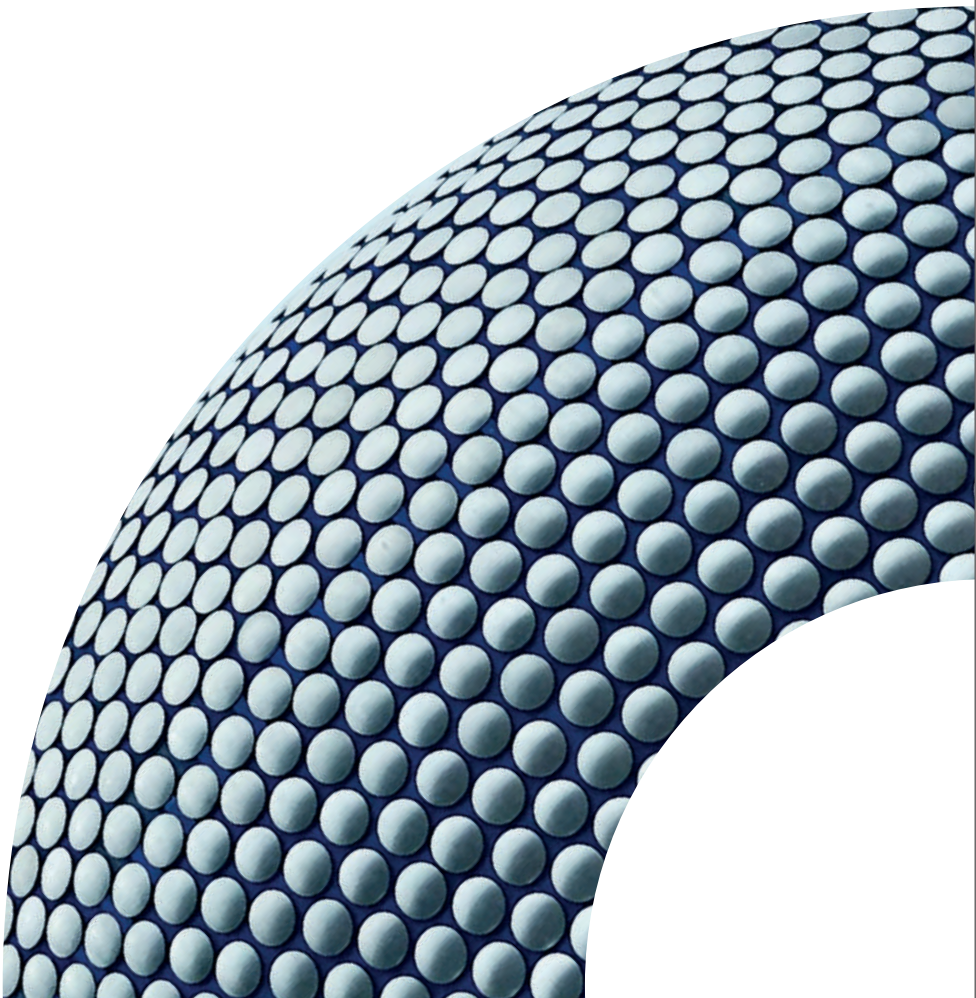
ARION CIRCLE

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

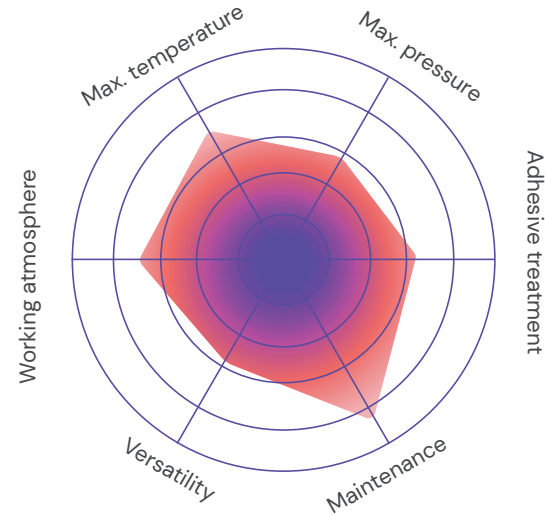
Improves the process

Extends hose life

Sustainable solution

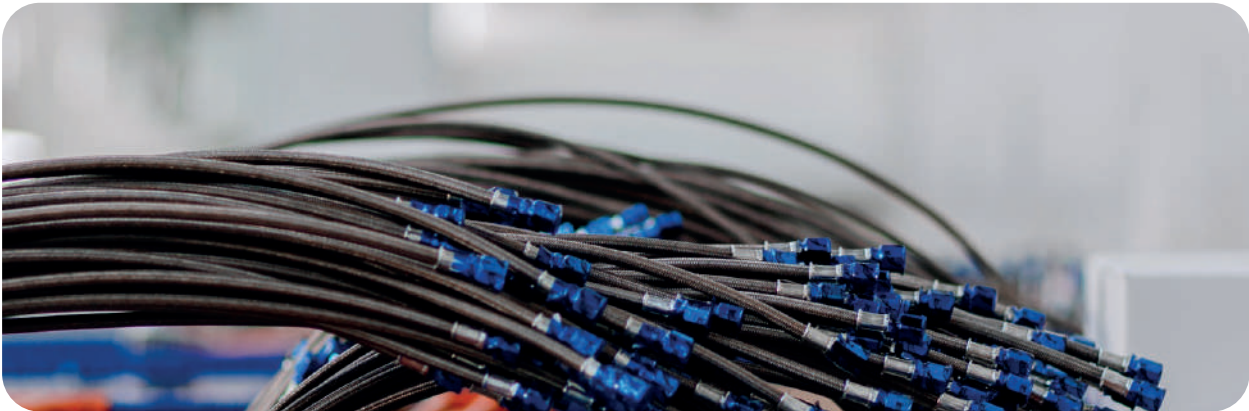
Reduces machine downtime

CHARACTERISTICS



USES

Specialized in:
Automotive
Applications:
-
Markets:
Textiles, Automotive, Packaging, Assembly, Mattresses, Wood, Graphic arts, Construction.



SPECIFICATIONS

Diameter	Lengths	Maximum pressure 200°C (bar)	Hydraulic connection (female)		
8 mm	From 0.6 to 7.2 m	130	JIC 9/16" - M16x1,5		
Minimum bending radius (mm)		Consumption (Watt/m)	Voltage	Max temp.	Temperature sensor
250		200	230V AC	200°C	Pt100, Ni120 and NTC

5. EMPOWERING HOSES

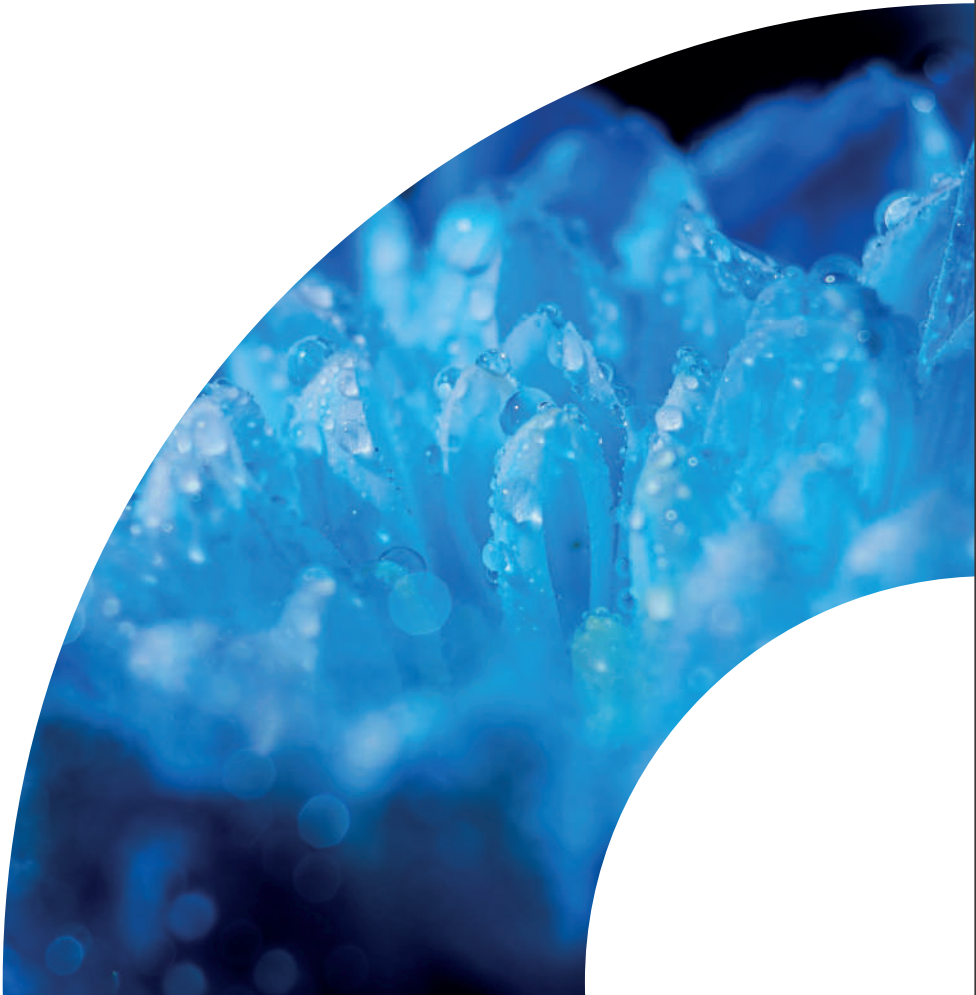
ARION QUARZ

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

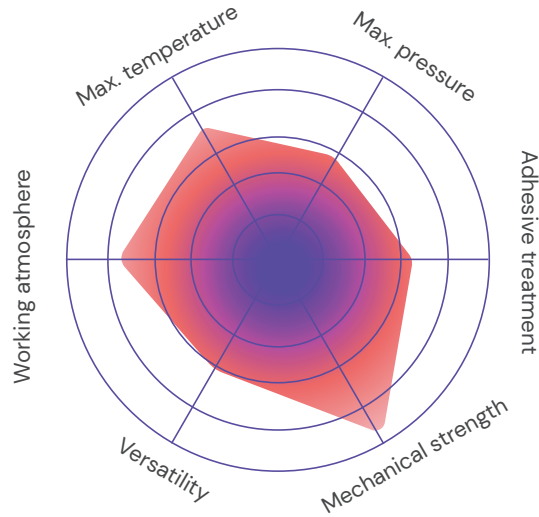


Increased performance



Improved hose life

CHARACTERISTICS

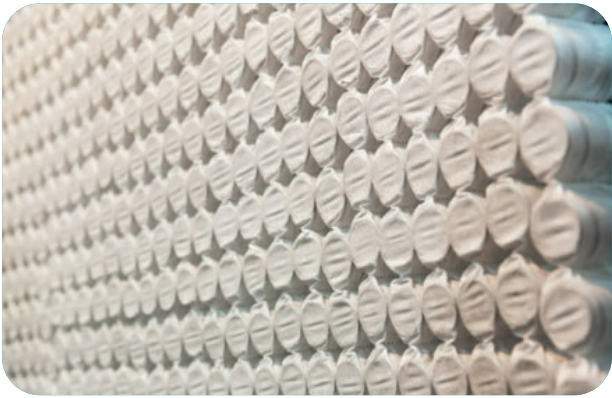


USES

Specialized in:
Mattresses Industry

Applications:
Cable chains application

Markets:
Textiles, Automotive, Packaging, Assembly, Mattresses, Wood, Graphic arts, Construction.



SPECIFICATIONS

Diameter	Lengths	Maximum pressure 200°C (bar)	Hydraulic connection (female)	
8 and 13 mm	From 0.6 to 10 m	130(Ø8), 105(Ø13)	JIC 9/16" (Ø8) ; JIC 3/4" (Ø13)	
Minimum bending radius (mm)	Consumption (Watt/m)	Voltage	Max temp.	Temperature sensor
200(Ø8), 300(Ø13)	90-150	200/230V AC	200°C	Pt100, Ni120

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

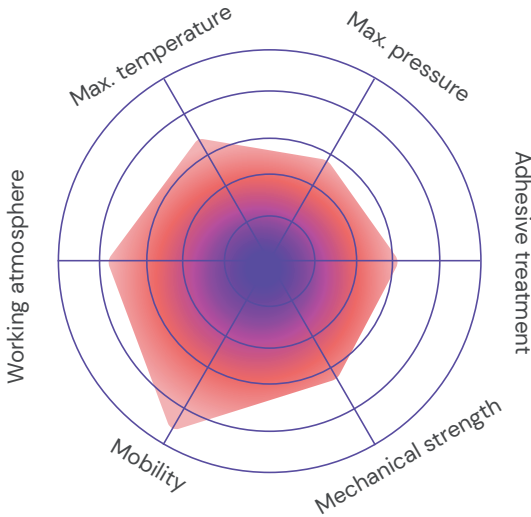
Flexibility

Dynamic operations

Withstands torsional and flexing forces

Perfect for robot paths

CHARACTERISTICS

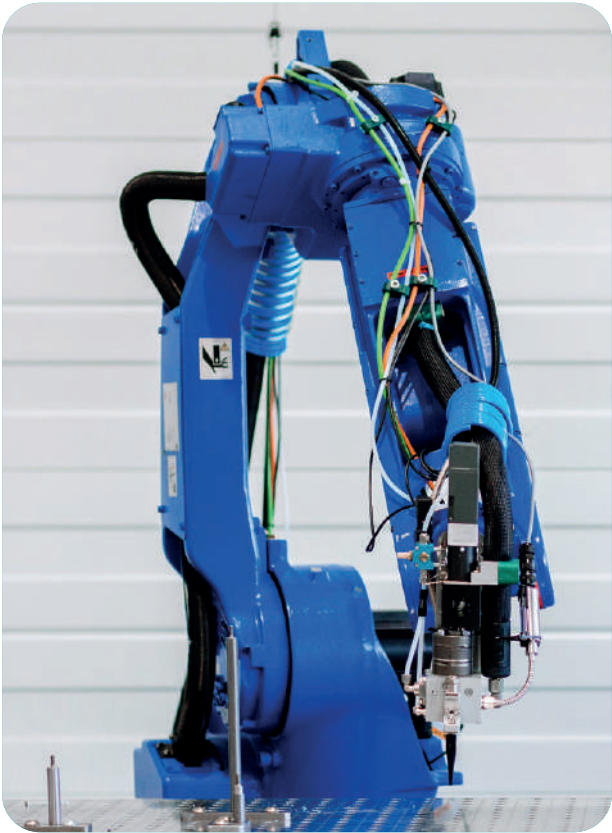


USES

Specialized in:
Automotive

Applications:
Movements applications

Markets:
Textiles, Automotive, Packaging, Assembly, Mattresses, Wood, Graphic arts, Construction.



SPECIFICATIONS

Diameter	Lengths	Maximum pressure 200°C (bar)	Hydraulic connection (female)	
8, 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), 105(Ø13),	JIC 9/16" (Ø6); JIC 3/4" (Ø13);	
Minimum bending radius (mm)	Consumption (Watt/m)	Voltage	Max temp.	Temperature sensor
200(Ø8), 300(Ø13)	90-150	200/230V AC	200°C	Pt100, Ni120

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

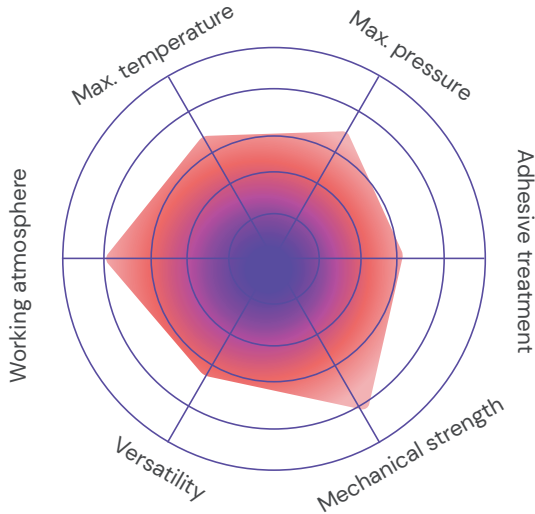
Improves machinery maintenance

100% waterproof

Helps improve the cleaning process

Accessibility

CHARACTERISTICS



USES

Specialized in:
Labelling/Packaging
Applications:
Wet working atmospheres.
Markets:
Textiles, Automotive, Packaging, Assembly, Mattresses, Wood, Graphic arts, Construction.



SPECIFICATIONS

Diameter	Lengths	Maximum pressure 200°C (bar)	Hydraulic connection (female)		
6, 8 and 13 mm	From 0.6 to 7.2m	156(Ø6), 130(Ø8), 105(Ø13)	JIC 9/16" (Ø6 y Ø8); GAS 1/4" (Ø6); M16x1,5 (Ø8); JIC 3/4" (Ø13); M22x1,5 (Ø13)		
Minimum bending radius (mm)	Consumption (Watt/m)	Voltage	Max temp.	Temperature sensor	
160(Ø6), 180(Ø8), 200(Ø13)	95-160	230V AC	200°C	Pt100, Ni120 and NTC	

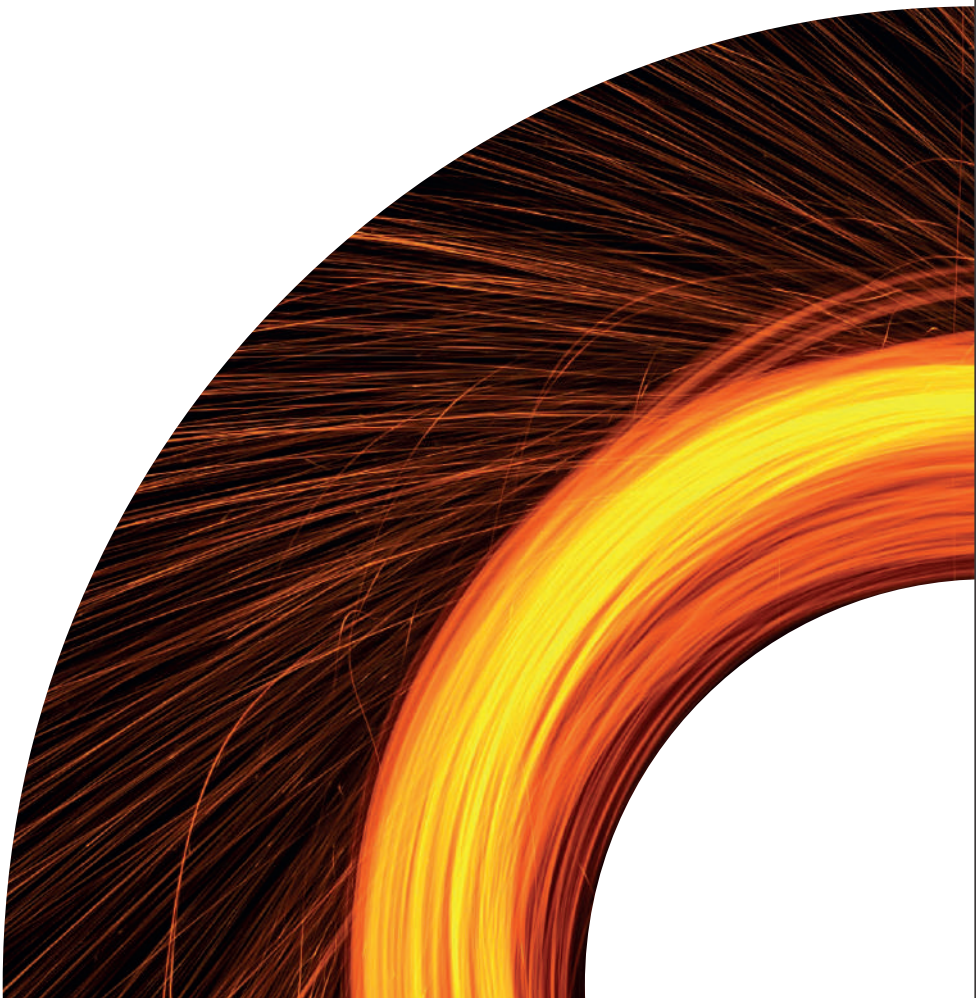
ARION INFERNO

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 250° C. Thanks to its higher wattage it can be used in environments where the adhesive application temperature needs to be high.



ADVANTAGES

Increased reliability

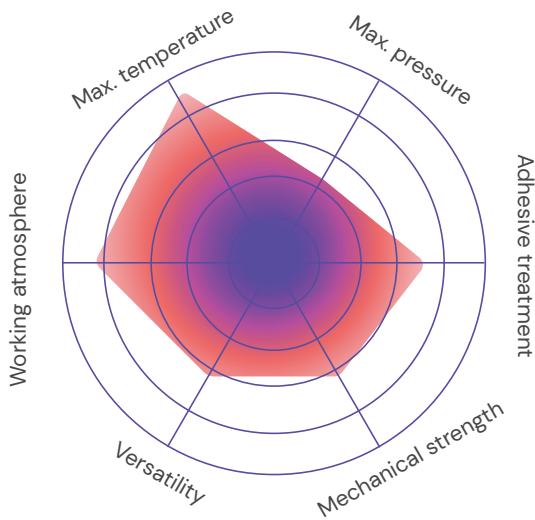
Allows the use of very special adhesives

Increases hose life

High temperature resistant

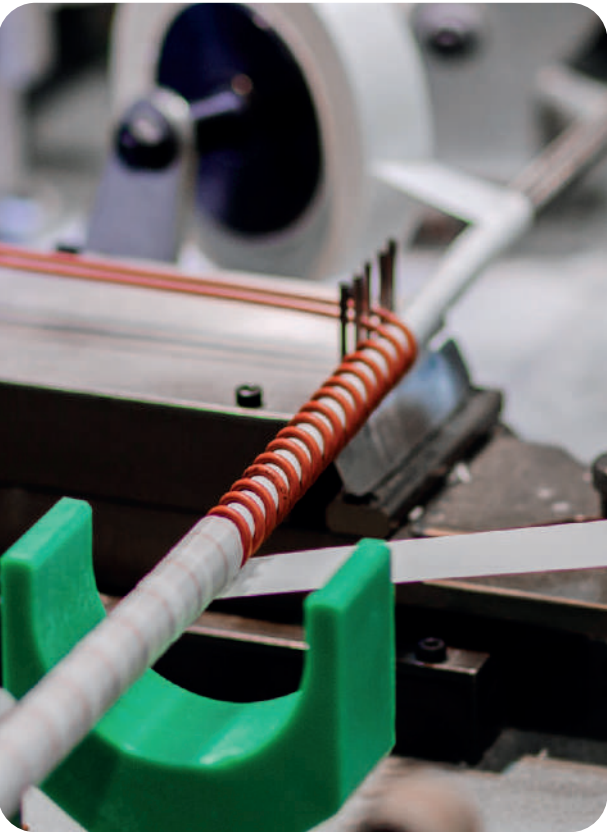
Improves the quality of the process

CHARACTERISTICS



USES

Specialized in:
Overmolding
Applications:
Polyamide
Markets:
Textiles, Automotive, Packaging, Assembly, Mattresses, Wood, Graphic arts, Construction.



SPECIFICATIONS

Diameter	Lengths	Maximum pressure 200°C (bar)	Hydraulic connection (female)	
8 and 13 mm	From 0.6 to 10 m	80(Ø8), 60(Ø13)	JIC 9/16" (Ø8); M16x1,5 (Ø8); JIC 3/4" (Ø13); M22x1,5 (Ø13);	
Minimum bending radius (mm)	Consumption (Watt/m)	Voltage	Max temp.	Temperature sensor
200(Ø8), 300(Ø13)	90-225	200/230V AC	250°C	Pt100, Ni120 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.



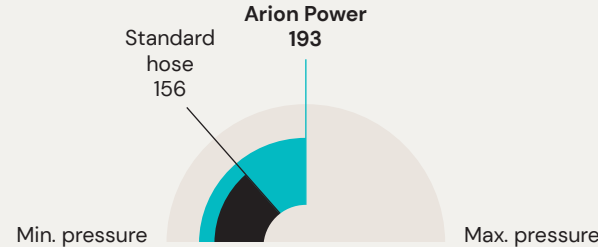
ADVANTAGES

Improves the process

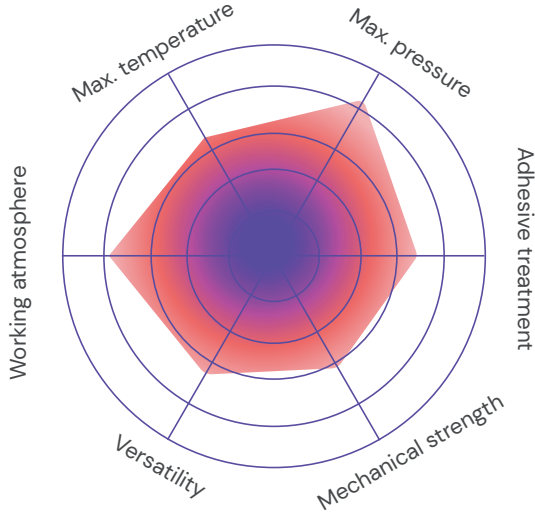
Use in extruders

Greater fluidity and diameter

Improves production



CHARACTERISTICS



USES

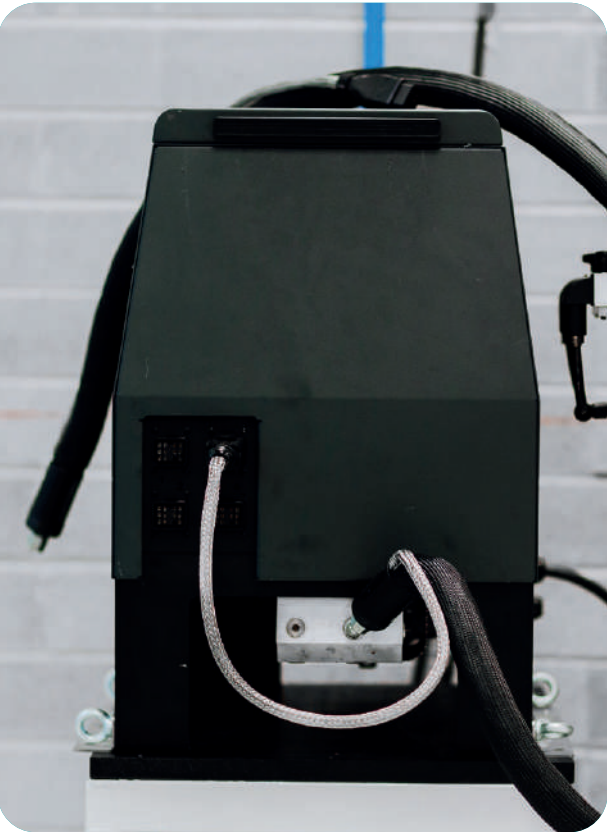
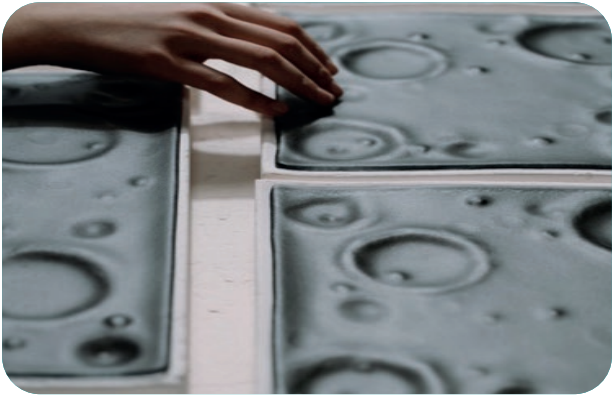
Specialized in:

Applications:

Extruders

Markets:

Textiles, Automotive, Packaging, Assembly, Mattresses, Wood, Graphic arts, Construction.



SPECIFICATIONS

Diameter	Lengths	Maximum pressure 200°C (bar)	Hydraulic connection (female)		
8, 13, 16 and 20 mm	From 0.6 to 14m	193(Ø8), 140(Ø13), 109(Ø16) y 105(Ø20)	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 (mm)	Consumption (Watt/m)	Voltage	Max temp.	Temperature sensor	
150(Ø8), 185(Ø13), 210(Ø16), 380(Ø20)	90-225	230V AC	200°C	Pt100, Ni120 and NTC	

ARION BOLD

TO EXPLORE NEW WORLDS

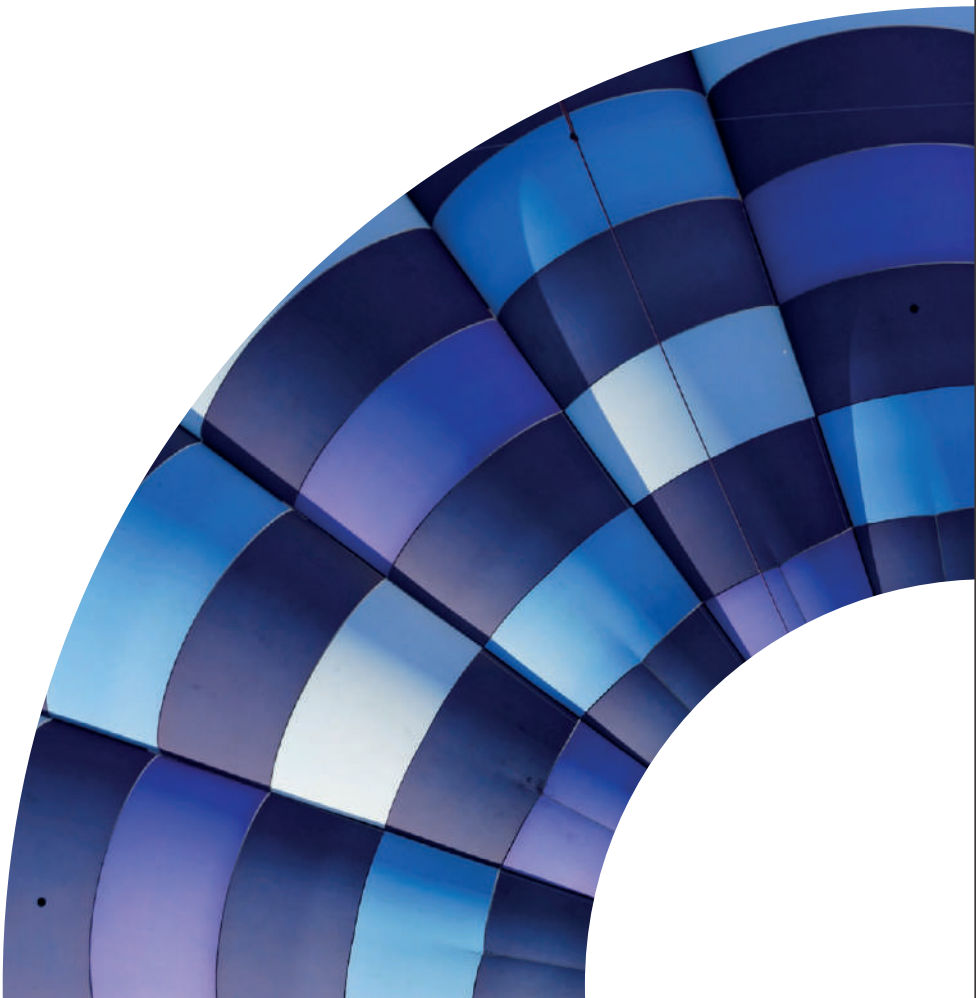
Sometimes you have to go further to find the best solution.

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

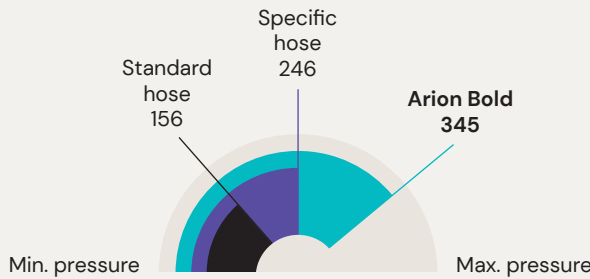
Use of new applications

Increased precision in the adhesive flow

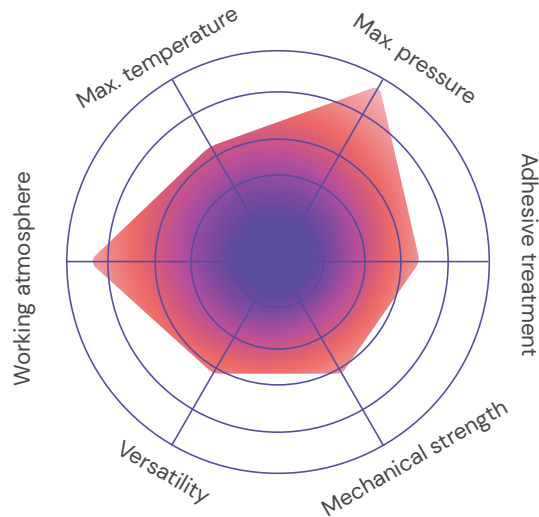
Increased fluidity and efficiency

Achieving the impossible

Optimizing your work



CHARACTERISTICS



USES

Specialized in:
Greases, butyls, silicones
Applications:
Fluid applications
Markets:
Textiles, Automotive, Packaging, Assembly, Mattresses, Wood, Graphic arts, Construction.



SPECIFICATIONS

Diameter	Lengths	Maximum pressure 200°C (bar)		Hydraulic connection (female)	
13, 16 y 20 mm	From 0.6 to 10m	345 (Ø13, Ø16, Ø20)		JIC 3/4" (Ø13); M22x1,5 (Ø13); JIC 1 1/16"(Ø16); M30x2 (Ø20) M30x1,5 (Ø20)	
Minimum bending radius (mm)	Consumption (Watt/m)		Voltage	Max temp.	Temperature sensor
190(Ø13), 210(Ø16), 400(Ø20)	90-225		200/230V AC	200°C	Pt100, Ni120 and NTC

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.



EMPOWERING
WHAT MATTERS.

ARION
by meler

7. Our magic

All science
has some
magic in it.

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:**



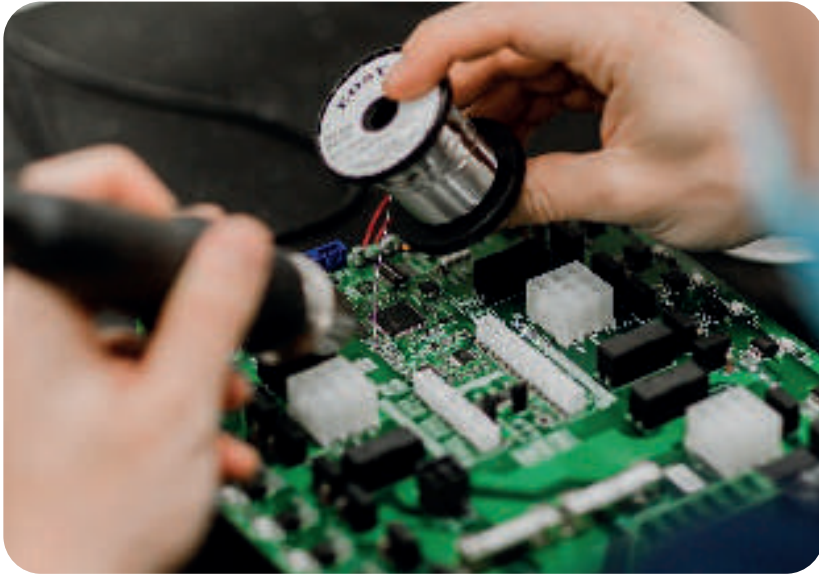
Walking beside you, we care about what matters to you. We listen to you and take care of all your concerns, understanding that we are people working with people, that your success is our success.

**With a Responsibly
Courageous attitude:**



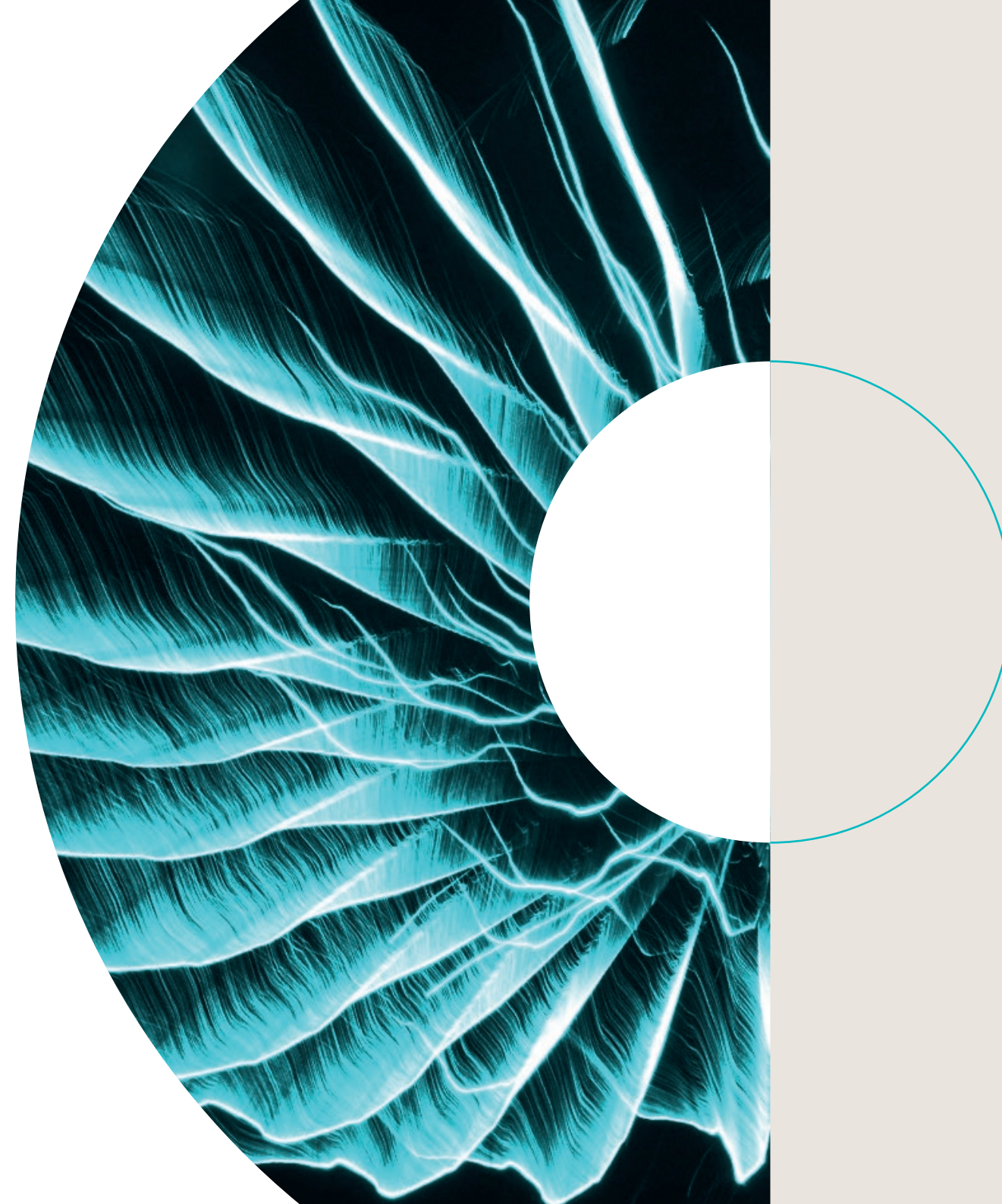
We are not afraid of challenges, we face them with the firm conviction that we can overcome them, thanks to our experience we know the paths we can walk together and those we cannot.

**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.

