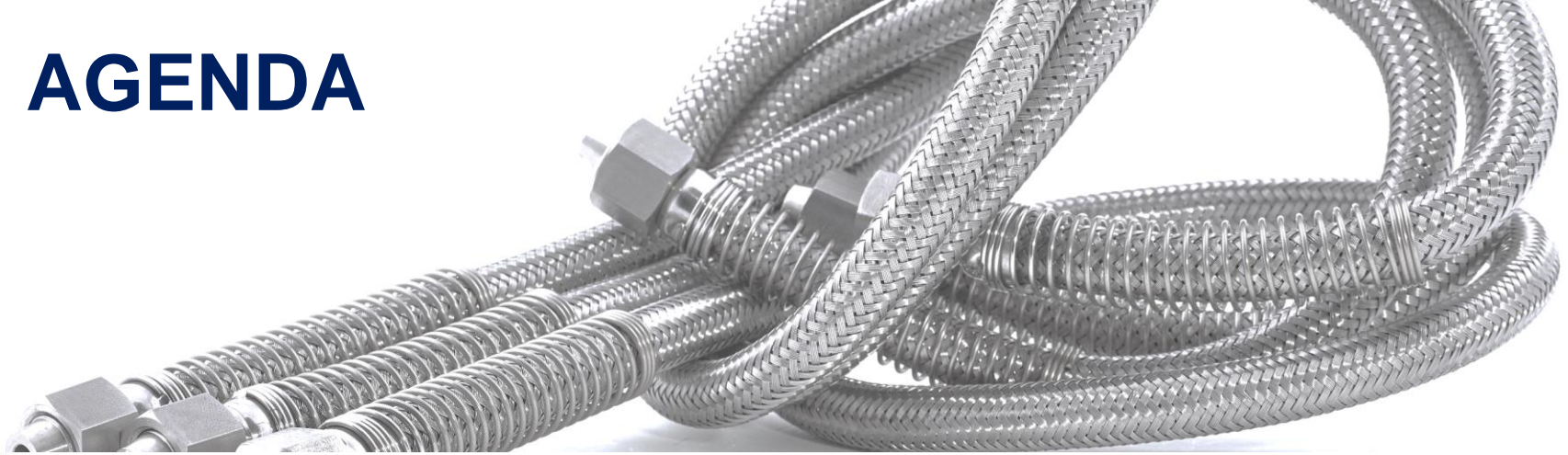




# WHY FLEX HOSES ?

# AGENDA



- A. DEFINITION OF FLEX HOSES**
- B. SOLUTION FIELDS**
- C. ADVANTAGES:**

- 1. HEAT RESISTANCE**
- 2. WORKING TEMPERATURES**
- 3. RECYCLING GRADE**
- 4. CLEAN & HEALTHY**
- 5. PRESSURE VALUE**
- 6. EMISSION GRADE**
- 7. LIFETIME**
- 8. RESISTANCE IN SOIL**

## A - DEFINITION OF FLEX HOSES

The product that comes out as a result of transferring the pipe material obtained by forming stainless steel strips to the corrugated structure by passing through various process steps is called «Flex hose».



## ≡ B - SOLUTION FIELDS

Due to its resistance to corrosion, pressure, hot and cold, and its structure that does not threaten human health and the environment, Stainless Flex Hoses are the first choice for many sectors compared to products made from alternative materials.





## C - ADVANTAGES / 1. HEAT RESISTANCE



**Our stainless steel flex hoses can withstand temperatures between -270°C and +600°C with their non-combustible properties.**

01

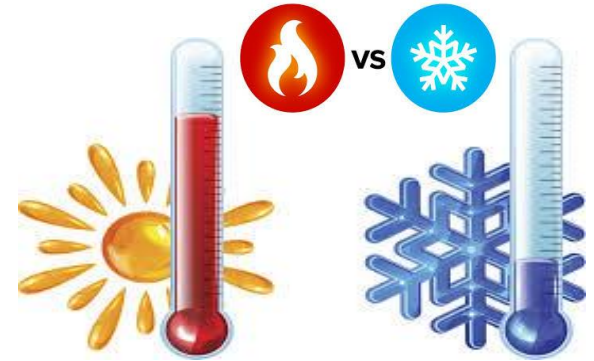
02

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## C - ADVANTAGES / 2.WORKING TEMPERATURE

**Our stainless steel flex hoses can perform their duty between  $-40^{\circ}\text{C}$  and  $+150^{\circ}\text{C}$  temperatures without disturbing their corrugated structure.**





## C – ADVANTAGES / 3. RECYCLING GRADE

Since our stainless steel flex hoses are **100% recyclable**, they do not contribute to environmental pollution.



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## C - ADVANTAGES / 5. PRESSURE VALUE

Our Stainless Steel corrugated hoses resist pressure better than hoses made from alternative materials;  
While it provides maximum strength from 0.5 bar to 2500 bar (explosion pressure), it can provide continuous working pressure between 0.5 <> 650 Bar.



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## C - ADVANTAGES / 6.EMISSION RESISTANCE

Thanks to the stable structure of the stainless steel, our products do not cause harmful gas emissions as in alternative materials and contribute to the «0» emission target.



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## C - ADVANTAGES / 7. LIFE LIMIT

**While the alternatives have a maximum lifespan of 3 years, our stainless flex hoses are surprisingly unaging. 😊**





## C - ADVANTAGES / 8. RESISTANCE IN SOIL

**When contact with oxygen is prevented, our products' underground resistance and adaptation to environmental conditions are equivalent to those of the natives of the habitat.**



01  
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03