

***Expansion Joints, Hose Assemblies,
Manifolds & Piping***





All Four Metal Technologies:

- ◆ Bellows Joints
- ◆ Braided Connectors
- ◆ Packed Slip Joints
- ◆ Ball Joints



Bellows Joints
Ø3/4" to Ø20"



Braided Connectors
Ø1/8" to Ø34"



Hyspan-Barco Ball Joints
Ø1/2" to Ø48"



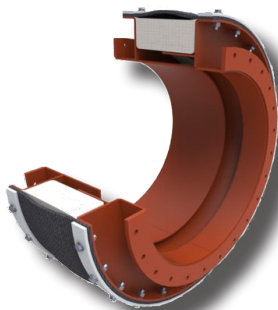
Perma-Pax Slip Joint
Ø1-1/4" to Ø48+"

Expansion Joints & Connectors:

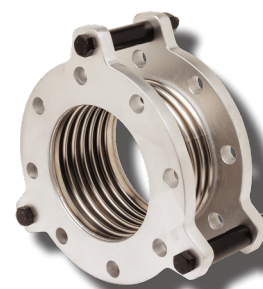
- ◆ Engine Exhaust:
 - Turbine
 - Reciprocating
- ◆ Intake Air
- ◆ Turbocharger Connection
- ◆ Oil Drain
- ◆ Coolant Line
- ◆ EGR Tubes
- ◆ Fire Suppression
- ◆ Pump Connectors
- ◆ Ballast--Deballast
- ◆ Diesel
- ◆ Natural Gas & LNG
- ◆ Dual Fuels
- ◆ Bleed Air
- ◆ Bulkhead Seals



Rubber Joints



Fabric Joints



Performance, Reliability, Safety

Hyspan has supported
Maritime & Shipbuilding
Industries for 50+ years.

Our design, manufacturing
capabilities, and emergency
services have earned a
distinguished reputation
and various worldwide
awards.

Ancillary products for
marine, shipbuilding,
upgrades, and retrofit are
also supported.

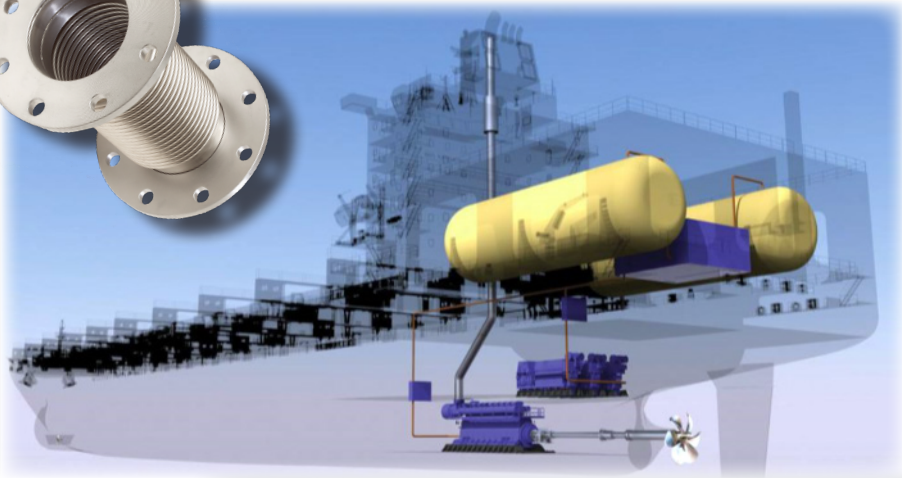
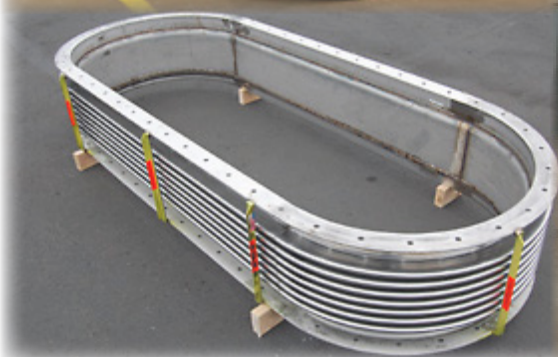
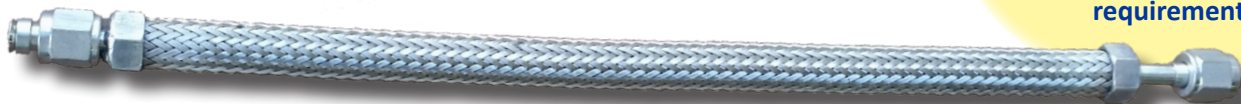


Image courtesy of General Dynamics--NASSCO

Round & Rectangular:



Hyspan manufactures
hundreds of flexible metal
hose configurations to meet
rigorous reliability
requirements



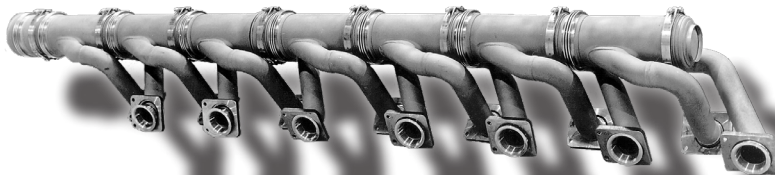
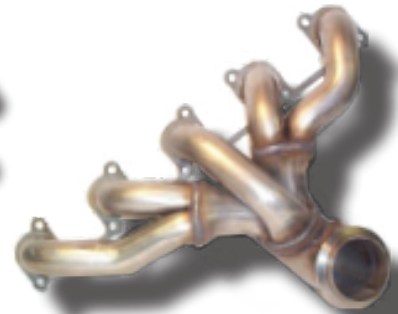
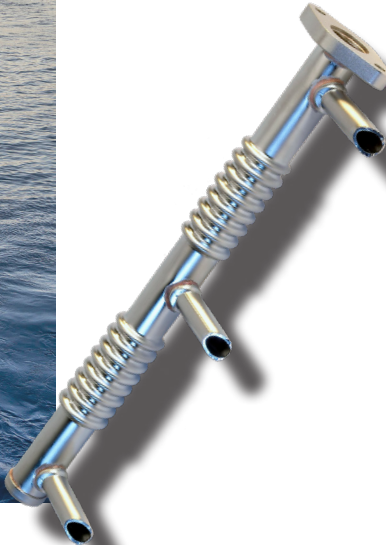
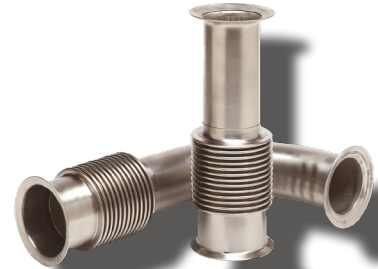
 **Hyspan.**
EXPANSION JOINTS

Flexider
INDUSTRIAL

Maritime & Shipbuilding Solutions

Performance, Reliability, Safety

 **Hyspan**
Advanced Flexible Solutions



Specifications:

EJMA REGISTERED
ISO 9001:2015
MIL STANDARDS (MIL-STD)
ASME - ASNT - ASTM

Testing:

MIL-DTL-901E Shock
MIL-STD-167-1 Vibration
Pressure ♦ Liquid Penetrant
MAS Spectrometer Vacuum
Radiography ♦ Magnetic Particle
Fluorone ♦ Cryogenic
Cycle Fatigue
Burst ♦ Thermal

Capabilities:

Research & Development
Pipe Stress Analysis
Finite Element Analysis
Comp. Fluid Dynamics
Holistic System Evaluation
Design, Repair, & Manufacture
Ship Check Inspection
ABS & PED/CE Available

THE HYSpan GROUP includes:

 **Hyspan**
EXPANSION JOINTS

FLEXIAL
a Hyspan company

FLEXIBLE
METAL

universal
hose & braid a Hyspan company



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