



The Right Hose with the Right Connections for the Right Job from the Right Source



MARCH 2021
FEATURED PRODUCTS
SHOWCASE

UNITED FLEXIBLE

United Flexible is a global leader in innovative engineered mechanical solutions for fluid conveyance, measurement, actuation and sealing, using rigid and flexible tubes, ducts and bellows. We look forward to our combination with GRP as Hose Assembly Manufacturer and integrating our expanded engineering capabilities with GRP finished product fabrications for our customers.



Quality and performance...

Through our programme of continual improvement, we are committed to refining and updating our processes to ensure every product we manufacture meets our own high standards, delivers on performance and is manufactured in the most efficient way possible.



Our products find their way into many different settings, here are just some of the sectors we work in:

- MARINE ~ PETROCHEMICAL ~ POWER GENERATION ~ REFRIGERATION ~ INDUSTRIAL ~ DEFENCE ~ CRYOGENIC

Our purpose-built manufacturing facility in the heart of Wales, UK, offers significant production capacity, with our teams able to work around the clock when a project demands it.

With its high velocity flow, ability to withstand a wide range of temperatures and exceptional corrosion resistance, our range of corrugated/braided metallic hose is a popular choice for conveying aggressive / corrosive fluids, exhaust systems, as well as for the transit of materials such as grain, flour, sugar and ash.

- 321 Stainless Steel
316 Stainless Steel
Monel 400
Inconel 625
Hastelloy C276
Incoloy 825



Contact us at 62661622 or email to sales@grp.com.sg

STAMPED Design and Application Guide

The selection of the correct metal hose is critical to insure optimum field performance. To accomplish this, there are a number of important application requirements that must be known. The guide below will help you identify the requirements, and design the most effective, engineering sound product.

The word "STAMPED" is useful as a checklist of application requirements to be checked.

CONSIDER	CHECK FOR ...
S ize	Inside Diameter (I.D.) Outside Diameter (O.D.)
T emperature	of Material being Conveyed (High, Low, Ambient) of Outside Environment (High, Low, Ambient) Intermittent or Constant
A lloy	Service Temperature Range Strength Corrosion Resistant Chemical Compatibility
M otion	Static (one Time Routing) or Dynamic Motion (Flexing and Cycling) Vibration Minimum Bend Radius
P ressure	Maximum Working Pressure Safety Factor and Burst Pressure Flow Rate Impulse or Pressure Surges
E nds	Male or Female Fitting Type and Material Swivel or Non Swivel Orientations and Alignment
D istance	Hose Length (Overall, Live Length, Seat to Seat) Tolerances

NOTICE: This Engineering Guide No. 350 is to assist you in the selection and application of flexible metal hose for your particular requirements. The information and data contained in this Engineering Guide are the result of years of our experience and research in flexible metal hose. As such it is the best information and data available to us as of the data printing. Progress is part of any dynamic program or research and development, such as the Company sponsors, so that all information and data contained herein are subject to change (without notice) at any time.

Should you be unable to determine a specification for a particular application, we solicit receiving details describing the application so that we may make a recommendation. Because we do not supervise or control the installation and use of our products, we cannot be responsible for their performance or for the improper application and usage of the data.



MENU

Dear Valued Customers,

As a reliable Hose Assembly Manufacturer with Integrity *since 1977*, we would like to introduce our Hose Management Services to value-add to our products and services to our customers.

Our Hose Management Services, validate the Integrity of our hoses and its assembly as a reliable Hose Assembly Manufacturer. Hose assemblies with Integrity make certain of extending the life-span of our hose assemblies, and our customers' equipment, tools, machines, and to prevent unnecessary shut-down, personnel safety, environmental safety, and additional costs to dispose of hoses. Most importantly our Hose Management Services contribute to "Peace of Mind," while our customers focus on their core business.

We would like to invite you to choose from our "menu of hose management services," to experience Savings, Savings and Safe, by checking on the boxes.

Our Customer Relationship Management team @6266-1622 salesadmin@grp.com.sg will be glad to assist and arrange our Sales Engineer to visit you and share:

"What We Do,"
"How We Do It,"
"Why We Do It," and
"What's In It for Our Customer."
WITHOUT ANY OBLIGATION.

Respectfully yours.
Business Management & Sales Team

READY TO SERVE

Make Your Request Today!

Just Tick on the Services You Require...

- Hose Assembly Safety Inspection
Value-Add Services
- Hose Database Management
Value-Add Services
- Hose (Preventive Maintenance) Talk
Value-Add Services
- Hose Assembly & Fabrication
Long-term Savings
- Hose Testing & Certification
Good Reliable Price
- Hose Fittings & Couplings
Good Reliable Price
- Hose Accessories & Reels
Good Reliable Price
- Hose Management Consultation
Value-Add Services

**and our Biz' Mgmt
& Sales Team
will be glad to
take your ORDER!**