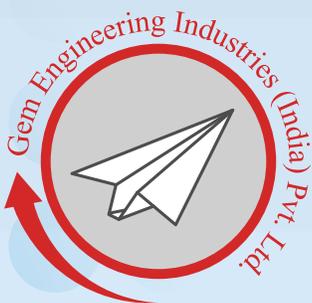


SS CORROGATED FLEXIBLE HOSE & ASSEMBLIES



Gem Engineering Industries (India) Pvt. Ltd.

Manufacturer of Hydraulic Tube Fittings, Hose Fittings & Hose Assemblies
ISO 9001:2008 and ISO 14000:2004 Certified



INTRODUCTION



Gem Engineering Industries India Pvt. Ltd., manufacturer of World-Class Hydraulic Fittings (6mm to 42mm) as per global standard DIN 2353, Hose Fitting up-to 3 inches and Hose Assemblies. New designs of products added into production continuously. Founded in 2008; over the years has acquired a reputation for in-depth industry and product knowledge, quality of its products and efficiency of its manufacturing facilities. Quality (Lean Six Sigma, Kan-Ban System), Research, Qualified, Energetic, Cost Effective and Dedicated team to always provide products with aligned service and support with client specific and centered action.

INFRASTRUCTURE:

Own Premises (Quality Machineries with regular required up gradation) 20 CNC Turning Centres (To be 40 by December 2014) 130+ Employees PAN India footprint with ever increasing Dealer / Distributor network. Working with Original Equipment Manufacturers (OEM) and premium public limited / Navratna Companies like Indian Defense, R&D and BHEL etc., to name of few. Overseas in United Arab Emirates (UAE), Oman, Qatar and Europe.



OFFICE, PLANT, MACHINERY AND EQUIPMENT DETAILS

Office:

The administrative function / departments are operated within the corporate facility in the factory premises of 10,000 square feet located on the 2nd Floor, the work area is divided into world-class ergonomically designed cubicles with quality desk and seating facilities; following are the department / functions which are operational:

Reception, Visitor Lounge, Conference Room, Meeting Room, Design, Quality, Finance and Accounts, Purchase, Administration, Human Resource and Management, Server, Console and EPBAX Room, System and IT Support.

INDUSTRIAL FACILITY	
Power installed capacity	250 KVA + Generator Capacity 250 KVA
Factory area – size of Establishment	2000 Sq.Yards
Factory location	Plot No: 154/B & 165/C, IDA, Cherlapally, phase III, Hyderabad – 500051, Andhra Pradesh, India
Administration office	4-2-254, Old Bhoiguda, Secunderabad – 500003, Andhra Pradesh, India



Nominal Bore	Minimum Bend Radius		Without Braid		Single Braid		Double Braid	
	Static	Flexing	Max. Working Pressure	Test Pressure	Max. Working Pressure	Test Pressure	Max. Working Pressure	Test Pressure
N.B.	mm	mm	kg/cm ²	kg/cm ²	kg/cm ²	kg/cm ²	kg/cm ²	kg/cm ²
6	25	100	4	6	100	150	160	240
10	40	150	4	6	90	135	144	216
12	50	200	3	4.5	80	120	128	192
16	50	200	3	4.5	70	105	112	168
20	70	200	2	3	64	96	102	153
25	90	200	2	3	50	75	80	120
32	110	250	1.5	2.3	40	60	64	96
40	130	250	1.5	2.3	30	45	48	72
50	175	350	1.0	1.5	2.8	42	44	66
65	200	410	1.0	1.5	42	36	38	57
80	205	450	1.0	1.5	18	27	28	42
100	230	560	0.8	1.2	16	24	26	39
125	280	660	0.6	0.9	12	18	20	30
150	320	815	0.6	0.9	10	15	16	24
200	435	1015	0.5	0.75	8	12	12	18

* The above values are applicable for Braided Hoses & Assemblies. * The above pressure ratings are for fluid and ambient temperature of 20°C. For higher temperatures apply correction factors as per Table II. *The above data for 250mm and 300mm N.B. can be supplied on request. *The burst pressure is 4 times the maximum working pressure. *The above technical data is subject to change due to design improvement.

Advantages of Flexible Metal Hoses

- Suitable for wide temperature range (-270°C to 700°C)
- Compensates for thermal expansion contraction in the piping system
- High physical strength
- Fire resistant
- Moisture resistant
- Longer life
- Good corrosion characteristics
- Resistant to abrasion, penetration and damage

Connects misaligned rigid piping absorbs or dampens vibration and similar equipments.
A flexible and quick option for rigid piping in difficult locations.



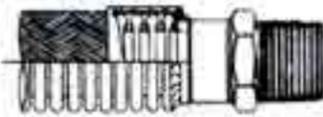


Standard End Fittings

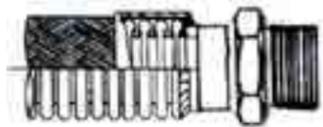
Standard executions for annular corrugated S.S. Hose.



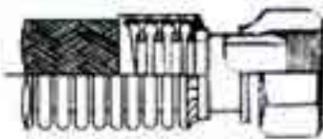
Welding End



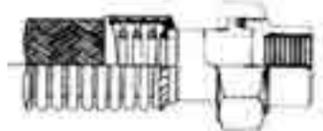
Hexagon Nipple Tapered Male



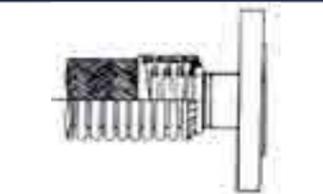
Hexagon Nipple Straight Male



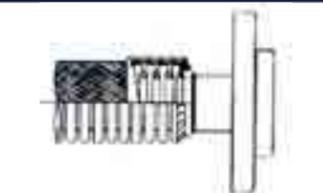
Female Swivel



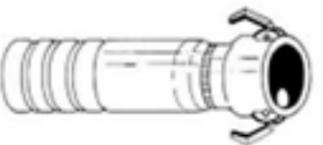
Stainless Steel Hexagon Union Straight Female



Fixed Flange



Swivel Flange



Camlock End

Camlock Couplings



Coupler With Male Thread



Adapter With Male Thread



Coupler With Ribbed Hose Shank



Adapter With Ribbed Hose Shank



Dust Cap



Dust Plug



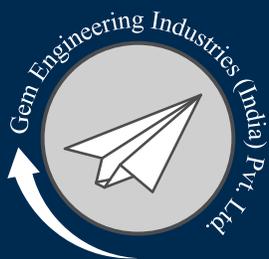
Coupler With Female Thread



Adapter With Female Thread



DEALER / STOCKIST / DISTRIBUTOR



Gem Engineering Industries (India) Pvt. Ltd.

Manufacturer of Hydraulic Tube Fittings, Hose Fittings & Hose Assemblies
ISO 9001:2008 and ISO 14000:2004 Certified



Concept, Design, Print

09246276786

Plot No: 154/B & 165/C, IDA Cherlapally, Phase III, Hyderabad - 500051 A.P. India
Phone: +91 40 29801663 / 4, +91 903 004 9337 Fax: +91 40 29801665 www.geind.in, info@geind.in