Easyflex™

Flexible Metallic Hose Connections

Kanwal Industrial Corporation manufactures Corrugated Hoses and Hose Assemblies at an ultra-modern facility under the supervision of a qualified team of engineers and technocrats. They are suitable for wide range of chemicals, petroleum products, super heated steam, liquified gas and cooling lines.

Size : 1/4" to 12"

Temperature : -200°C to 700°C

Material : Hose S.S. 316/321/304, Braiding S.S. 304.

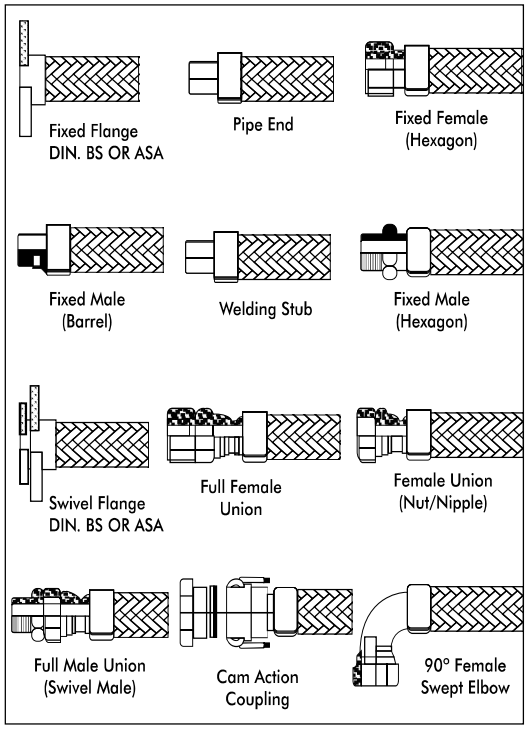
End Connections

Material of End connection : M.S., Carbon Steel, brass, G.M. SS 304/304L/316L/321.

Type of End Connections : Threaded Type BSP, BSPT, NPT, NPTF, METRIC, SAE, JIC.

Fittings/Flanges : We can adapt virtually any fittings and flanges to a metal hose - other hose products require special and significant variances. We specialize in providing flexible options. Certified Welding methods: AS4041:2006 Class 1 ASME B31.3: 2008 ASME IX:2010 AS/NZS 3992:1998

End Fittings : Manufactured from Mild Steel, Stainless Steel or Brass. These are fitted by Argon Welding (TIG) or brazing on S.S. Hose depending upon hose type and service conditions to from a complete hose assembly.



Option : Single Braided (Suffix 'SB'), Double Braided (Suffix 'DB')

TECHNICAL DATA

SIZE	SINGLE BRAID					DOUBLE BRAID		
Nominal size DN Inch	Max. Working Pressure Kg/cm²	Test Pressure Kg/cm²	Burst Bend Kg/cm²	Static Bend Radius inch	Dynamic Bend Radius inch	Max. Working Pressure Kg/cm²	Test Pressure Kg/cm²	Burst Pressure Kg/cm²
EFMHC 1/4	100	150	400	0.98	3.94	160	240	640
EFMHC 3/8	90	135	360	1.57	5.91	144	216	576
EFMHC 1/2	80	120	320	1.97	7.87	128	192	512
EFMHC 5/8	70	105	280	1.97	7.87	112	168	448
EFMHC 3/4	64	96	256	2.76	7.87	102	153	408
EFMHC 1	50	75	200	3.54	7.87	80	120	320
EFMHC 1 ¼	40	60	160	4.33	9.84	64	96	256
EFMHC 1½	32	48	128	5.12	9.84	48	72	192
EFMHC 2	28	42	112	6.89	13.78	44	66	176
EFMHC 2½	24	36	96	7.87	16.14	42	61	152
EFMHC 3	18	27	72	8.07	17.72	28	42	112
EFMHC 4	16	24	64	9.06	22.05	26	39	104
EFMHC 5	12	18	48	11.02	25.98	20	30	80
EFMHC 6	10	15	40	12.60	32.09	16	24	64
EFMHC 8	8	12	32	17.13	39.96	12	18	48

- Due to policy of continual improvement, the specifications are subject to change without prior notice.
- Measurements are subject to 5% tolerance.
- To achieve good results do not over load fitting more than designed parameters as per drawing / catalogue.