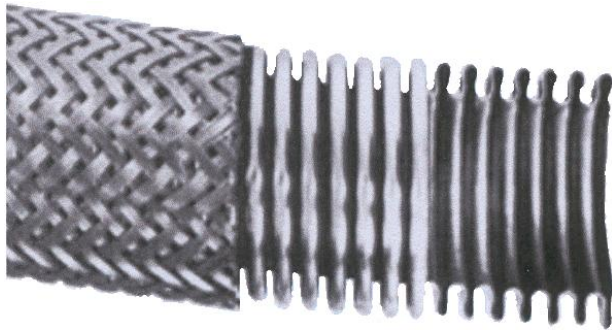


**CORRUGATED STAINLESS STEEL HOSE**

Annual deep corrugated, braided with single or double layer of closely interwoven, high tensile stainless steel wire, for multiple applications, in chemical industry, shipyard, food industry and machine building industry. Ready for fitting hose assemblies to costumers requirements, plasma or argon-arc welded hose fittings. For temperatures -200°C up to +600°C .



**Material**

**Corrugated Hose:**

Stainless steel 1.4404, 1.4541 and 1.4571

**Wire Braid:**

Stainless steel 1.4301

**Fittings:**

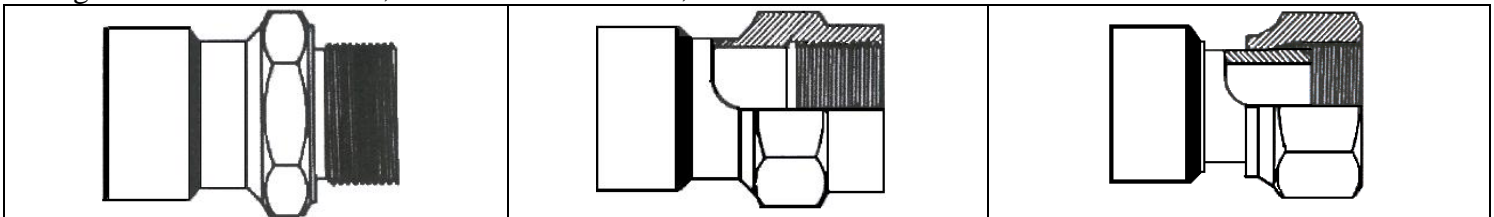
Carbon steel

Stainless steel 1.4571

Malleable iron

Further material on request

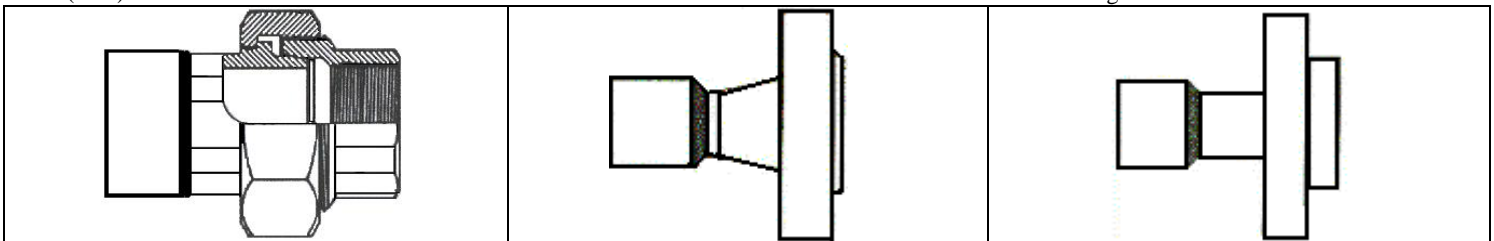
Fittings made of Carbon steel, Stainless Steel 1.4571, Malleable iron



1. Sechskantnipple mit Aussen-genwide R (BSP) metrisch order NPT

2. Muffe mit Innengewinde R (BSP) metrisch order NPT

3. Überwurfmutter R (BSP) order metrisch, mit dichtkegel order flachdichtend



4. Konusverschraubung, dreiteilig mit zylindrischem Rohr-Innengewinde DIN 2999

5. Vorschweissflansch (Festflansch) DIN order ASA

6. Loser Flansch mit Bund DIN order ASA

Hose lengths as long as necessary can be manufactured by assembling several single hose lengths. This will not effect the quality of the hose in any way.

The mentioned data for working pressure and bending radius are standard values based on static strain and room temperature (68°F). Safety factor 3:1.

Corrugated Stainless Steel Hoses with double braid are available on request.

High temperature, dynamic strains etc. Produce additional demands for the hose. These influences may be considered in favor of operational security and lifetime.

Code No.	Size ID mm/inch		Inside Dia mm	Outside Dia mm	Working Pressure bar	Test pressure bar	Banding radius ≈m	Weight ≈kg/m
EW 081	8	5/16"	7.8	13.7	125	180	80	0.14
EW 101	10	3/8"	10.1	17.2	90	128	100	0.21
EW 121	12	1/2"	12.8	20.9	90	128	120	0.36
EW 161	16	5/8"	15.7	24.3	80	113	140	0.41
EW 201	20	3/4"	19.5	28.7	75	105	170	0.55
EW 251	25	1"	24.9	34.7	55	75	195	0.59
EW 321	32	1 1/4"	31.0	43.7	45	60	220	0.78
EW 401	40	1 1/2"	40.6	54.2	40	53	260	1.06
EW 501	50	2"	49.7	65.2	35	45	300	1.45
EW 651	65	2 1/2"	64.7	82.2	35	45	370	1.86
EW 801	80	3"	79.6	99.2	25	30	430	2.52
EW 1001	100	4"	99.7	121.8	23	27	510	2.57
EW 1251	125	5"	124.4	147.8	22	26	610	4.91
EW 1501	150	6"	149.8	176.8	20	23	700	7.67
EW 2001	200	8"	200.1	230.8	10	15	860	9.68
EW 2501	250	10"	250.3	282.5	9	13.5	1040	11.83
EW 3001	300	12"	300.6	333.6	8	12	1225	14.13