HASTELLOY TUBE (C-276) (Annular corrugation)

DN	Hose Type	Inside Diameter (mm)	Outside Diameter (mm)	Min.bending radius static bending (mm) ISO10380 (Type1&2)*③	Min.bending radius dynamic bending (mm) ISO10380 (Type1)*③	Maximum Pressure						Mass (kg/m)	Length MAX (m)
						*①Working pressure			*②Burst pressure				
						MPa	bar	PSI	MPa	bar	PSI		
15	Hastelloy SA-1	14.9	21.8	58	195	8.2	82	1189	33.0	330	4785	0.37	30
20	Hastelloy SA-1	20.0	27.9	70	225	6.4	64	928	25.8	258	3741	0.57	30
25	Hastelloy SA-1	25.1	34.1	85	260	8.1	81	1174	32.7	327	4741	0.87	30
32	Hastelloy SA-1	31.6	41.0	105	300	4.9	49	710	19.9	199	2885	1.03	20
40	Hastelloy SA-1	40.0	51.3	130	340	5.2	52	754	20.8	208	3016	1.57	20
50	Hastelloy SA-1	49.6	61.3	160	390	2.6	26	377	10.6	106	1537	1.86	20

MONEL TUBE (MONEL 400) (Annular corrugation)

DN	Hose Type	Inside Diameter (mm)	Outside Diameter (mm)	Min.bending radius static bending (mm) ISO10380 (Type1&2)*③	Min.bending radius dynamic bending (mm) ISO10380 (Type1)*③	Maximum Pressure						Mass (kg/m)	Length MAX (m)
						*①Working pressure			*②Burst pressure				
						MPa	bar	PSI	MPa	bar	PSI		
15	Monel SA-1	15.0	21.9	58	195	5.7	57	826	23.0	230	3335	0.35	30
20	Monel SA-1	19.9	27.9	70	225	5.2	52	754	21.0	210	3045	0.54	30
25	Monel SA-1	25.3	34.0	85	260	5.5	55	797	22.2	222	3219	0.88	30
40	Monel SA-1	39.9	51.3	130	340	3.4	34	493	13.9	139	2015	1.57	40
50	Monel SA-1	49.8	61.6	160	390	2.2	22	319	9.0	90	1305	1.96	20

*①Working pressure of flexible hose with single braid shows 1/4 of Burst pressure.

*②Burst pressure is actual figure measured during the test. (at ambient)

*③The minimum dynamic bending radius is according to that of ISO10380.