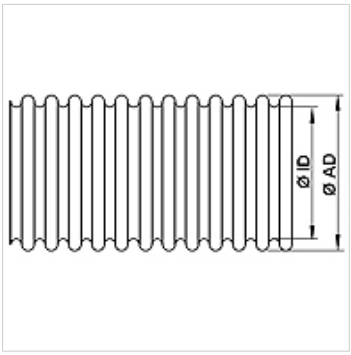
ICO
Metal hose

HANSA-FLEX

Properties

Application	Well suited for use in gas technology
Design	parallel corrugation single wall normal corrugation
Hose material	Stainless steel 1.4541
Braiding	without braiding
Standard	DIN EN ISO 10380
Temp. min.	-200 °C
Temp. max.	550 °C
Temp.	applies for the hose only
Approval	Approval for all gases according to DVGW Worksheet G 260, DIN 3384





Note

Please take into account the dynamic and thermal reduction factors with respect to the pressure values.
The pressure values listed apply to hoses only.

Ordering information

Other designs available on request

Item

Identification	Ø ID (mm)	Ø AD (mm)	Tolerances of ID/ED (mm)	bend radius stat. (mm)	bend radius dyn. (mm)	OP at 20°C (stat.) (bar)	Weight per m (kg)	Production length (m)
ICO 010	10,60	16,10	0,30	35	125	5,0	0,110	upon request
ICO 013	12,30	18,00	0,30	35	140	5,0	0,115	upon request
ICO 016	15,70	23,70	0,40	45	190	4,0	0,175	upon request
ICO 020	19,80	28,80	0,40	55	215	3,0	0,260	upon request
ICO 025	25,80	34,50	0,40	70	250	3,0	0,320	upon request
ICO 032	33,00	43,70	0,40	80	270	3,0	0,500	upon request
ICO 040	40,00	52,00	0,50	100	320	2,0	0,630	10 to 12
ICO 050	51,60	65,50	0,50	130	360	1,0	0,810	10 to 12
ICO 065	66,00	85,40	0,60	175	450	1,0	1,380	10 to 12
ICO 080	76,60	97,50	0,60	200	500	1,0	1,520	10 to 12
ICO 100	103,00	125,00	1,00	250	600	1,0	2,150	10 to 12
ICO 125	127,50	151,50	1,00	325	750	1,0	3,250	10 to 12
ICO 150	151,50	177,00	1,00	375	850	0,8	4,100	10 to 12
ICO 200	200,00	227,00	0,80	260	950	0,8	7,300	10 to 12
ICO 250	250,00	282,00	0,80	340	1200	0,6	9,200	10 to 12
ICO 300	300,00	335,00	1,00	420	1600	0,5	12,700	10 to 12

Product versions

ICA	Metal hose, 1 braiding with 1.4301
ICB	Metal hose, 2 braidings with 1.4301
IBA	Metal hose, 1 braiding with 1.4301

Despite careful checking, we cannot guarantee the accuracy of all information included on this site, and we accept no liability.