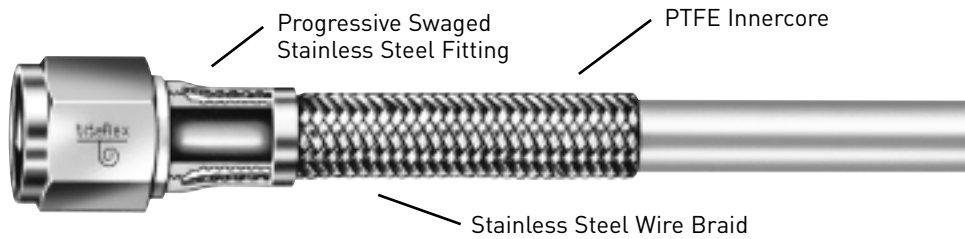


Medium Pressure Hose Products



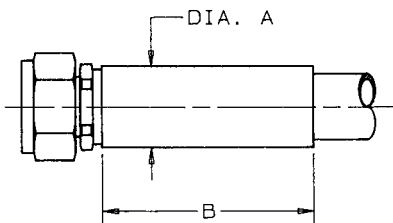
Hose Dimensions and Performance Data

Hose Size	-3*	-4	-5	-6	-8	-10	-12	-16Z	-20Z	-24Z
Hose O. D. (Max)	273	.343	.406	.469	.585	.687	.812	1.140	1.390	1.707
Hose O. D. (Max) with polyester chafe sleeve	.359	.429	.499	.559	.665	.772	.887	1.256	1.460	1.782
Hose O. D. (Max) with bonded silicone firesleeve & cuffs	.641	.641	.704	.766	.891	1.016	1.141	1.454	1.704	2.016
Hose I. D. (Min)	.110	.188	.235	.310	.391	.485	.615	.851	1.101	1.344
Min Inside Bend Radius	2	2	2	4	4.63	5.50	6.50	7.38	11	14
Min Centerline Radius#	2.13	2.16	2.19	4.22	4.91	5.83	6.89	7.93	11.68	14.84
Vacuum Data	28	28	28	28	28	28	20	14	10	8
Operating Pressure PSI (kPa)	1500 (10 500)	1500 (10 500)	1500 (10 500)	1500 (10 500)	1500 (10 500)	1500 (10 500)	1000 (7 000)	1250 (8 750)	1000 (7 000)	1000 (7 000)
Proof Pressure PSI (kPa)	3000 (21 000)	3000 (21 000)	3000 (21 000)	3000 (21 000)	3000 (21 000)	3000 (21 000)	2000 (14 000)	2500 (17 500)	2000 (14 000)	2000 (14 000)
Room Temp. Burst Pressure PSI (kPa)	12000 (83 000)	12000 (83 000)	10000 (69 000)	9000 (62 000)	8000 (56 000)	7000 (48 000)	5000 (34 000)	5000 (34 000)	4000 (27 500)	4000 (27 500)
High Temp. Burst Pressure PSI (kPa)	7000 (48 000)	7000 (48 000)	6500 (45 000)	6500 (45 000)	6000 (41 000)	5500 (38 000)	3500 (24 000)	3500 (24 000)	3000 (21 000)	3000 (21 000)
Hose Weight LB/IN (KGS/M)	0.005 (0.077)	0.007 (0.118)	0.008 (0.127)	0.009 (0.161)	0.012 (0.211)	0.016 (0.286)	0.020 (0.354)	0.044 (0.785)	0.057 (1.010)	0.073 (1.303)
Hose Weight with polyester chafe sleeve LB/IN (KGS/M)	0.006 (0.097)	0.009 (0.145)	0.009 (0.161)	0.011 (0.190)	0.015 (0.254)	0.018 (0.322)	0.023 (0.408)	0.049 (0.864)	0.062 (1.100)	0.079 (1.400)
Hose Weight with bonded silicone firesleeve & cuffs LB/IN (KGS/M)	0.016 (0.286)	0.017 (0.288)	0.018 (0.322)	0.021 (0.372)	0.027 (0.476)	0.034 (0.606)	0.041 (0.730)	0.077 (1.377)	0.097 (1.729)	0.120 (2.136)

* Sizes -3 and under are not QPL listed for MIL - H - 25579 or AS1946. They have, however, been developed and evaluated to these standards.

Reference - For design purposes only.

Integral Firesleeve Cuff Standards Examples



HOSE SIZE	A CUFF DIA. MAX	B CUFF LENGTH MAX
RM101 -3	.852	1.610
RM180-4	.852	1.610
RM180-5	.915	1.700
RM101 -6	.915	2.175
RM101 -8	1.102	2.500
RM101 -10	1.228	2.670
RM101 -12	1.352	2.670
RM101 -16Z	1.665	3.100
RM101 -20Z	1.915	2.800
RM101 -24Z	2.165	2.950

Unless otherwise specified, all dimensions are in inches.