

SAE 100R1AT



MEDIUM PRESSURE WIRE BRAID HOSE

- Tube** : Black, oil resistant synthetic rubber
- Reinforcement** : 1 wire braid
- Cover** : Black, oil resistant synthetic rubber
- Operating Temperature** : -40°C to +125°C



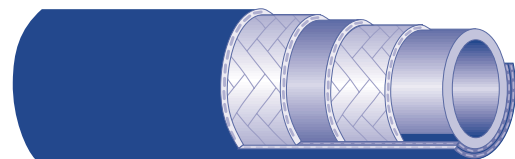
PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
11104	1/4	6.4	0.6	14.1	4.0	102.0	2750	11000
11106	3/8	9.5	0.7	18.1	5.0	127.0	2250	9000
11108	1/2	12.7	0.8	21.5	7.0	178.0	2000	8000
11110	5/8	15.9	1.0	24.7	8.0	203.0	1500	6000
11112	3/4	19.1	1.1	28.6	9.5	241.0	1250	5000
11116	1	25.4	1.4	36.6	12.0	305.0	1000	4000
11120	1 1/4	31.8	1.7	43.5	16.5	419.0	625	2500
11124	1 1/2	38.1	2.0	50.0	20.0	508.0	500	2000
11132	2	50.8	2.5	63.5	25.0	635.0	375	1500

SAE 100R2AT



HIGH PRESSURE WIRE BRAID HOSE

- Tube** : Black, oil resistant synthetic rubber
- Reinforcement** : 2 wire braids
- Cover** : Black, oil resistant synthetic rubber
- Operating Temperature** : -40°C to +125°C



PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
12104	1/4	6.4	0.6	15.7	4.0	102.0	5000	20000
12106	3/8	9.5	0.8	19.7	5.0	127.0	4000	16000
12108	1/2	12.7	0.9	23.1	7.0	178.0	3500	14000
12110	5/8	15.9	1.0	26.3	8.0	203.0	2750	11000
12112	3/4	19.1	1.2	30.2	9.5	241.0	2250	9000
12116	1	25.4	1.5	38.9	12.0	305.0	2000	8000
12120	1 1/4	31.8	1.9	48.0	16.5	419.0	1625	6500
12124	1 1/2	38.1	2.2	55.0	20.0	508.0	1250	5000
12132	2	50.8	2.6	67.0	25.0	635.0	1125	4500

DIN 2002 1SN



MEDIUM PRESSURE WIRE BRAID HOSE

- Tube** : Black, oil resistant synthetic rubber
- Reinforcement** : 1 wire braid
- Cover** : Black, oil resistant synthetic rubber, pin-perforated
- Operating Temperature** : -40°C to +149°C



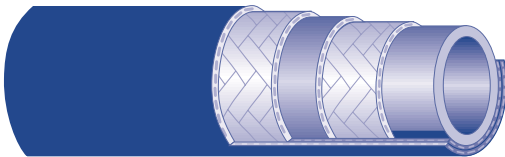
PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
22304	1/4	6.4	0.6	14.1	3.9	100.0	3250	13050
22306	3/8	9.5	0.7	18.1	5.1	130.0	2600	10450
22308	1/2	12.7	0.8	21.4	7.1	180.0	2300	9300
22310	5/8	15.9	1.0	24.5	7.9	200.0	1900	7550
22312	3/4	19.1	1.1	28.5	9.4	240.0	1500	6000
22316	1	25.4	1.4	36.6	11.8	300.0	1300	5200
22320	1 1/4	31.8	1.8	44.8	16.5	420.0	900	3650
22324	1 1/2	38.1	2.1	52.1	19.7	500.0	725	2900
22332	2	50.8	2.6	65.5	24.8	630.0	580	2300

DIN 20022 2SN



HIGH PRESSURE WIRE BRAID HOSE

- Tube** : Black, oil resistant synthetic rubber
- Reinforcement** : 2 wire braids
- Cover** : Black, oil resistant synthetic rubber, pin-perforated
- Operating Temperature** : -40°C to +149°C



PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
22404	1/4	6.4	0.6	15.7	3.9	100.0	5800	23200
22406	3/8	9.5	0.8	19.7	5.1	130.0	4800	19150
22408	1/2	12.7	0.9	23.0	7.1	180.0	4000	15950
22410	5/8	15.9	1.0	26.2	7.9	200.0	3600	14500
22412	3/4	19.1	1.2	30.1	9.4	240.0	3100	12350
22416	1	25.4	1.5	38.9	11.8	300.0	2400	9450
22420	1 1/4	31.8	1.9	49.5	16.5	420.0	1800	7250
22424	1 1/2	38.1	2.2	55.9	19.7	500.0	1300	5250
22432	2	50.8	2.7	68.6	24.8	630.0	1150	4650

MEET SAE 100R2 PRESSURE



HIGH PRESSURE WIRE BRAID HOSE

- Tube** : Black, oil resistant synthetic rubber
- Reinforcement** : 1 wire braid
- Cover** : Black, oil resistant synthetic rubber, pin-perforated
- Operating Temperature** : -40°C to +125°C



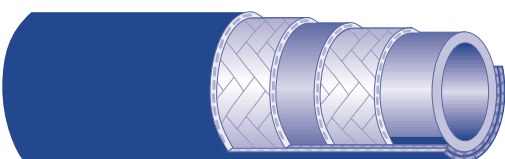
PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
33804	1/4	6.4	0.6	14.0	3.0	76.0	5000	20000
33806	3/8	9.5	0.7	17.5	3.5	89.0	4000	16000
33808	1/2	12.7	0.8	21.0	5.1	130.0	3500	14000
33810	5/8	15.9	0.9	24.0	5.9	150.0	2750	11000
33812	3/4	19.1	1.1	28.0	7.0	178.0	2250	9000
33816	1	25.4	1.4	36.0	9.0	229.0	2000	8000
33820	1 1/4	31.8	1.7	43.5	12.4	315.0	1625	6500
33824	1 1/2	38.1	2.0	50.0	15.0	381.0	1250	5000
33832	2	50.8	2.5	63.5	20.0	508.0	1125	4500

EXCEED SAE 100R9 PRESSURE



HEAVY DUTY HIGH PRESSURE WIRE BRAID HOSE

- Tube** : Black, oil resistant synthetic rubber
- Reinforcement** : 2 wire braids
- Cover** : Black, oil resistant synthetic rubber, pin-perforated
- Operating Temperature** : -40°C to +125°C

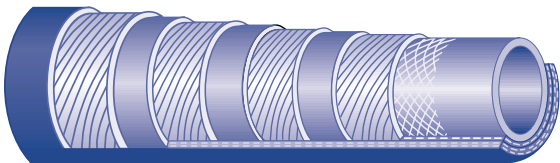


PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
33904	1/4	6.4	0.6	15.5	4.0	102.0	6350	25400
33906	3/8	9.5	0.8	19.5	5.0	127.0	5500	22000
33908	1/2	12.7	0.9	22.5	5.9	150.0	5500	22000
33910	5/8	15.9	1.0	25.5	7.5	190.0	5000	20000
33912	3/4	19.1	1.2	29.5	9.1	230.0	4500	18000
33916	1	25.4	1.5	38.0	11.8	300.0	3500	14000
33920	1 1/4	31.8	1.9	48.0	15.0	380.0	3000	12000
33924	1 1/2	38.1	2.2	55.0	18.0	457.2	2500	10000
33932	2	50.8	2.6	67.0	24.0	609.6	2500	10000

SAE 100R9AT

PULSATING PRESSURE SPIRAL WIRE HOSE

- Tube** : Black, oil resistant synthetic rubber
- Reinforcement** : 4 spiral wires
- Cover** : Black, oil resistant synthetic rubber, pin-perforated
- Operating Temperature** : -40°C to +149°C

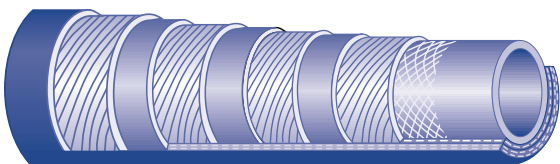


PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
11906	3/8	9.5	0.9	22.2	4.9	125.0	4500	18000
11908	1/2	12.7	1.0	25.4	7.1	180.0	4000	16000
11910	5/8	15.9	1.1	29.0	9.8	250.0	3625	14500
11912	3/4	19.1	1.3	32.2	9.4	240.0	3000	12000
11916	1	25.4	1.6	40.9	12.0	305.0	3000	12000

MEET SAE 100R12 PRESSURE

PULSATING HIGH PRESSURE SPIRAL WIRE HOSE

- Tube** : Black, oil resistant synthetic rubber
- Reinforcement** : 4 spiral wires
- Cover** : Black, oil resistant synthetic rubber, pin-perforated
- Operating Temperature** : -40°C to +121°C

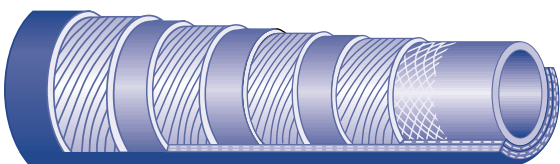


PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
39106	3/8	9.5	0.8	21.0	4.9	125.0	4000	16000
39108	1/2	12.7	1.0	24.6	7.1	180.0	4000	16000
39110	5/8	15.9	1.1	29.0	9.8	250.0	4000	16000
39112	3/4	19.1	1.2	31.5	9.4	240.0	4000	16000
39116	1	25.4	1.5	39.2	12.0	305.0	4000	16000
39120	1 1/4	31.8	1.9	48.7	18.1	460.0	4000	16000
39124	1 1/2	38.1	2.2	54.7	22.0	560.0	4000	16000
39132	2	50.8	2.7	68.2	28.0	710.0	3100	12400

MEET SAE 100R13 PRESSURE

PULSATING HIGH PRESSURE SPIRAL WIRE HOSE

- Tube** : Black, oil resistant synthetic rubber
- Reinforcement** : 4 spiral wires
- Cover** : Black, oil resistant synthetic rubber, pin-perforated
- Operating Temperature** : -40°C to +121°C



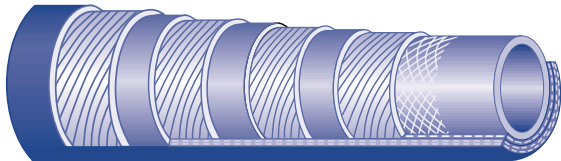
PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
39206	3/8	9.5	0.9	22.2	7.1	180.0	5000	20000
39208	1/2	12.7	1.0	25.4	9.1	230.0	5000	20000
39210	5/8	15.9	1.1	29.0	9.8	250.0	5000	20000
39212	3/4	19.1	1.3	33.0	11.8	300.0	5000	20000
39216	1	25.4	1.6	40.9	13.4	340.0	5000	20000

SAE 100R12 PRESSURE



PULSATING HIGH PRESSURE SPIRAL WIRE HOSE

- Tube** : Black, oil resistant synthetic rubber
- Reinforcement** : 4 spiral wires
- Cover** : Grey oil resistant synthetic rubber, pin-perforated
- Operating Temperature** : -40°C to +121°C



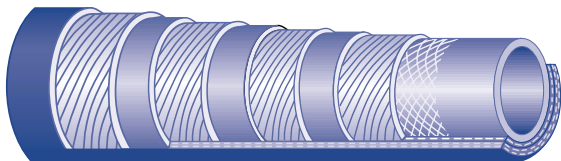
PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
12206	3/8	9.5	0.8	21.0	4.9	125.0	4000	16000
12208	1/2	12.7	1.0	24.6	7.1	180.0	4000	16000
12210	5/8	15.9	1.1	29.0	9.8	250.0	4000	16000
12212	3/4	19.1	1.2	31.5	9.4	240.0	4000	16000
12216	1	25.4	1.5	39.2	12.0	305.0	4000	16000
12220	1 1/4	31.8	1.9	48.6	16.5	420.0	3000	12000
12224	1 1/2	38.1	2.2	55.0	20.1	510.0	2500	10000
12232	2	50.8	2.7	68.3	25.0	635.0	2500	10000

DIN 20023 4SP



PULSATING HIGH PRESSURE SPIRAL WIRE HOSE

- Tube** : Black, oil resistant synthetic rubber
- Reinforcement** : 4 spiral wires
- Cover** : Black, oil resistant synthetic rubber, pin-perforated
- Operating Temperature** : -40°C to +121°C



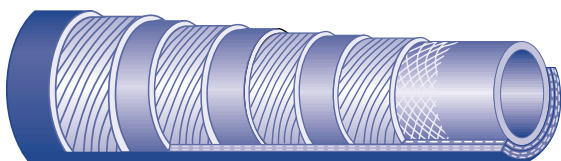
PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
23506	3/8	9.5	0.9	22.2	7.1	180.0	6450	25800
23508	1/2	12.7	1.0	25.4	9.1	230.0	6020	24070
23510	5/8	15.9	1.1	29.0	9.8	250.0	5075	20300
23512	3/4	19.1	1.3	33.0	11.8	300.0	5075	20300
23516	1	25.4	1.6	40.9	13.4	340.0	4060	16200
23520	1 1/4	31.8	2.1	52.4	18.1	460.0	3045	12000
23524	1 1/2	38.1	2.3	58.8	22.0	560.0	2680	10700
23532	2	50.8	2.8	71.4	26.0	660.0	2500	10000

DIN 20023 4SH



PULSATING HIGH PRESSURE SPIRAL WIRE HOSE

- Tube** : Black oil resistant synthetic rubber
- Reinforcement** : 4 spiral wires
- Cover** : Rusty brown, oil resistant synthetic rubber, pin-perforated
- Operating Temperature** : -40°C to +121°C



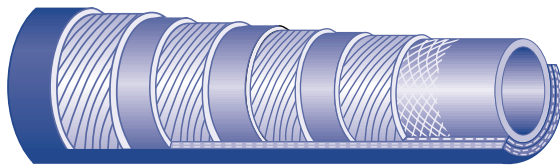
PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
23610	5/8	15.9	1.1	29.0	9.8	250.0	6525	26100
23612	3/4	19.1	1.3	33.0	11.0	280.0	6090	24360
23616	1	25.4	1.6	39.9	13.4	340.0	5510	22040
23620	1 1/4	31.8	1.9	47.1	18.1	460.0	4715	18850
23624	1 1/2	38.1	2.2	55.1	22.0	560.0	4205	16820
23632	2	50.8	2.7	69.7	27.6	700.0	3625	14500

SAE 100R13 PRESSURE



PULSATING HIGH PRESSURE SPIRAL WIRE HOSE

- Tube** : Black, oil resistant synthetic rubber
- Reinforcement** : 4-6 spiral wires
- Cover** : Rusty brown, oil resistant synthetic rubber, pin-perforated
- Operating Temperature** : -40°C to +121°C



PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
12312	3/4	19.1	1.3	33.7	9.4	240.0	5000	20000
12316	1	25.4	1.6	40.3	12.0	305.0	5000	20000
12320	1 1/4	31.8	2.0	52.0	16.5	420.0	5000	20000
12324	1 1/2	38.1	2.3	59.5	20.1	510.0	5000	20000
12332	2	50.8	2.9	73.4	25.0	635.0	5000	20000

MULTI-PURPOSE HOSE



LOW PRESSURE TEXTILE BRAID HOSE

- Tube** : Black, oil resistant synthetic rubber
- Reinforcement** : High strength synthetic textile braid
- Cover** : Red, oil resistant synthetic rubber
- Operating Temperature** : -40°C to +120°C



PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
31204	1/4	6.4	0.6	14.0	1.6	40.0	300	900
31206	3/8	9.5	0.8	20.0	2.4	60.0	300	900
31208	1/2	12.7	0.9	23.0	3.1	80.0	300	900
31210	5/8	15.9	1.1	27.0	3.9	100.0	300	900
31212	3/4	19.1	1.2	30.0	4.3	110.0	300	900
31216	1	25.4	1.4	36.0	6.0	157.0	300	900
31220	1 1/4	31.8	1.8	45.0	10.6	270.0	200	600
31224	1 1/2	38.1	2.1	53.0	12.6	320.0	200	600

PTFE FLEXIBLE HOSE



MULTI-PURPOSE PTFE FLEXIBLE HOSE

- Tube** : Smooth bore PTFE
- Cover** : 1 stainless steel wire braid
- Operating Temperature** : -55°C to +260°C

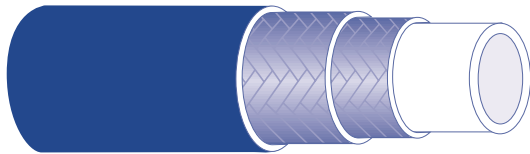


PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
43202	1/8	3.4	0.3	6.7	1.0	25.0	3990	15960
43203	3/16	5.1	0.3	8.1	1.4	35.0	2900	11600
43204	1/4	6.7	0.4	9.7	1.8	45.0	2540	10160
43205	5/16	8.4	0.5	11.6	2.0	50.0	2175	8700
43206	3/8	10.0	0.5	13.2	2.2	55.0	1960	7840
43207	13/32	10.3	0.6	14.1	2.6	65.0	1890	7560
43208	1/2	13.4	0.6	16.5	2.8	70.0	1740	6960
43210	5/8	16.6	0.8	20.1	5.1	130.0	1600	6400
43212	3/4	19.8	0.9	23.3	7.5	190.0	1300	5200
43214	7/8	22.1	1.1	26.9	9.8	250.0	1020	4080
43216	1	25.4	1.2	30.5	10.6	270.0	940	3760

SAE 100R7

MEDIUM PRESSURE THERMOPLASTIC HOSE

- Tube** : Thermoplastic technopolymer
- Reinforcement** : 2 polyester fibre braids
- Cover** : Blue thermoplastic technopolymer
- Operating Temperature** : -40°C to +93°C



PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
17502	1/8	3.3	0.3	8.5	1.2	30.0	3340	13340
17503	3/16	4.8	0.4	10.0	1.4	35.0	3045	12180
17504	1/4	6.4	0.5	11.8	2.0	50.0	2900	11600
17505	5/16	8.0	0.6	14.3	2.2	55.0	2710	14500
17506	3/8	9.5	0.6	16.0	3.0	75.0	2535	10150
17508	1/2	12.7	0.8	20.3	3.7	95.0	2030	8120
17510	5/8	16.0	0.9	23.5	4.9	125.0	1520	6090
17512	3/4	19.0	1.0	26.5	5.9	150.0	1260	5075
17516	1	25.4	1.3	32.5	7.9	200.0	1015	4060

SAE 100R8

HIGH PRESSURE THERMOPLASTIC HOSE

- Tube** : Thermoplastic technopolymer
- Reinforcement** : 2 aramid fibre braids
- Cover** : Green thermoplastic technopolymer
- Operating Temperature** : -40°C to +93°C

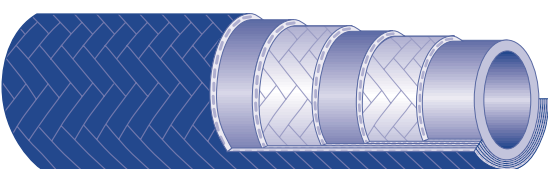


PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
18502	1/8	3.2	0.3	7.1	1.2	30.0	5075	20300
18503	3/16	4.8	0.4	11.1	1.4	35.0	5075	20300
18504	1/4	6.4	0.5	12.3	2.0	50.0	5075	20300
18505	5/16	8.0	0.6	14.3	2.4	60.0	4710	18850
18506	3/8	9.5	0.7	16.7	3.1	80.0	4060	16240
18508	1/2	12.7	0.8	20.5	3.7	95.0	3550	14210
18510	5/8	16.0	1.0	24.5	4.9	125.0	2830	11300
18512	3/4	19.0	1.1	28.0	5.9	150.0	2350	9430
18516	1	25.4	1.4	34.7	7.9	200.0	2060	8270

SAE 100R5C

MEDIUM PRESSURE WIRE BRAID HOSE

- Tube** : Black oil resistant synthetic rubber
- Reinforcement** : 1 textile & 1 wire braid
- Cover** : Black oil resistant textile braid
- Operating Temperature** : -40°C to +121°C

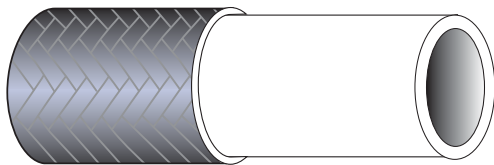


PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P. (PSI)	MIN.B.P. (PSI)
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)		
15404	3/16	5.0	0.5	13.7	3.0	75.0	3000	12000
15405	1/4	6.5	0.6	15.3	3.3	85.0	3000	12000
15406	5/16	8.0	0.7	17.6	3.9	100.0	2250	9000
15408	13/32	10.5	0.8	20.0	4.5	115.0	2000	8000
15410	1/2	13.0	0.9	24.0	5.5	140.0	1750	7000
15412	5/8	16.0	1.1	28.0	6.5	165.0	1500	6000
15416	7/8	22.0	1.3	32.2	7.3	185.0	800	3200
15420	1 1/8	29.0	1.5	38.9	9.1	230.0	650	2600
15424	1 3/8	35.0	1.8	45.2	10.4	265.0	500	2000
15432	1 13/16	46.0	2.3	57.6	13.2	335.0	360	1440

PTFE FLEXIBLE HOSE

MULTI-PURPOSE PTFE FLEXIBLE HOSE

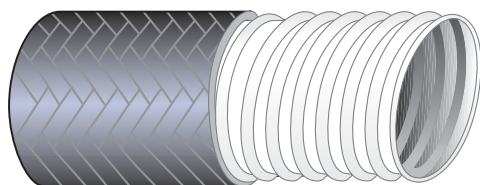
- Tube** : Smooth bore PTFE
- Cover** : 1 stainless steel wire braid
- Operating Temperature** : -55°C to +260°C



PRODUCT CODE	HOSE BORE		HOSE O.D.		BEND RADIUS		MAX.W.P.	MIN.B.P
	(IN)	(MM)	(IN)	(MM)	(IN)	(MM)	(PSI)	(PSI)
43202	1/8	3.2	0.23	5.9	1.0	25	3990	15960
43203	3/16	4.8	0.29	7.4	1.4	35	2900	11600
43204	1/4	6.35	0.35	9.0	1.8	45	2540	10160
43205	5/16	7.9	0.43	10.8	2.0	50	2175	8700
43206	3/8	9.5	0.49	12.4	2.2	55	1960	7840
43207	13/32	10.3	0.52	13.3	2.6	65	1890	7560
43208	1/2	12.7	0.62	15.7	2.8	70	1740	6960
43210	5/8	15.9	0.75	19.1	5.1	130	1450	5800
43212	3/4	19.0	0.87	22.2	7.5	190	1300	5200
43214	7/8	22.2	1.01	25.6	9.8	250	1020	4080
43216	1	25.4	1.15	29.3	10.6	270	940	3760

MULTI-PURPOSE PTFE FLEXIBLE HOSE

- Tube** : Convuluted PTFE
- Cover** : 1 stainless steel wire braid
- Operating Temperature** : -70°C to +260°C
depending on working pressure
- Reinforcement** : One stainless steel braid AISI 304



PRODUCT CODE	SIZE	INTERNAL DIAMETER		EXTERNAL DIAMETER		BEND RADIUS	MAX.W.P.	MIN.B.P
	(INCH)	MIN (mm)	MAX (mm)	MIN (mm)	MAX (mm)	(MM)	(PSI)	(PSI)
41106	3/8	10	11	15	16.2	20	1740	6960
41108	1/2	13	14	18	19.0	25	1595	6380
41110	5/8	16	17	22	23	50	1160	4640
41112	3/4	19.5	20.5	26	27.5	65	1015	4060
41114	7/8	22	23	28	29.5	75	870	3480
41116	1	25.5	26.5	33	34.5	89	725	2900
41120	1-1/4	31.5	32.5	38	39.4	110	653	2610
41124	1-1/2	37.5	38.5	44.5	45.9	120	580	2320
41132	2	50.5	51.5	57	58.4	110	435	2088
41148	3	71.2	78.8	89.5	98.7	310	290	1160
41164	4	95	105	120.7	131.25	380	218	870

* Other sizes are available on request

Due to continual product improvements, FIT-FLEX™ reserves the right to alter specs without prior notice