



Overcome the Limits Technology



Limitech Hose Select Chart

- EN 853 1SN, 2SN Series

SIZE			EN 853 1SN		EN 853 2SN	
inch	mm	dash	bar	psi	bar	psi
3/16	4.8	-3	250	3,670	415	6,100
1/4	6.4	-4	225	3,310	400	5,880
5/16	7.9	-5	215	3,160	350	5,140
3/8	9.5	-6	180	2,650	330	4,850
1/2	12.7	-8	160	2,350	280	4,040
5/8	15.9	-10	130	1,910	250	3,670
3/4	19.1	-12	105	1,540	215	3,160
1	25.4	-16	88	1,290	165	2,430
1.1/4	31.8	-20	63	930	125	1,840
1.1/2	38.1	-24	50	740	90	1,320
2	50.8	-32	40	590	80	1,180

- EN 857 1SC, 2SC Series

SIZE			EN 857 1SC		EN 857 2SC	
inch	mm	dash	bar	psi	bar	psi
1/4	6.4	-4	225	3,310	400	5,800
5/16	7.9	-5	215	3,160	350	5,080
3/8	9.5	-6	180	2,650	330	4,790
1/2	12.7	-8	160	2,350	280	4,060
5/8	15.9	-10	130	1,910	250	3,630
3/4	19.1	-12	105	1,540	215	3,120
1	25.4	-16	88	1,290	165	2,390

- SAE 100 R1, R2 AT Series

SIZE			SAE 100 R1 AT		SAE 100 R2 AT	
inch	mm	dash	MPa	psi	MPa	psi
3/16	4.8	-3	21.0	3,040	35	5,080
1/4	6.4	-4	19.2	2,790	35	5,080
5/16	7.9	-5	17.5	2,540	29.7	4,310
3/8	9.5	-6	15.7	2,280	28	4,060
1/2	12.7	-8	14.0	2,030	24.5	3,550
5/8	15.9	-10	10.5	1,520	19.2	2,790
3/4	19.1	-12	8.7	1,260	15.7	2,280
1	25.4	-16	7.0	1,020	14	2,030
1.1/4	31.8	-20	4.3	620	11.3	1,640
1.1/2	38.1	-24	3.5	510	8.7	1,260
2	50.8	-32	2.6	380	7.8	1,130

- SAE 100 R16, R17 Series

SIZE			SAE 100 R16 AT		SAE 100 R17 AT	
inch	mm	dash	MPa	psi	MPa	psi
1/4	6.4	-4	35	5,080	21	3,050
5/16	7.9	-5	29.7	4,310	21	3,050
3/8	9.5	-6	28	4,060	21	3,050
1/2	12.7	-8	24.5	3,550	21	3,050
5/8	15.9	-10	19.2	2790	21	3,050
3/4	19.1	-12	15.7	2280	21	3,050
1	25.4	-16	14	2030	21	3,050

- DIN 20022 1SN, 2SN Series

SIZE			DIN 20022 1SN		DIN 20022 2SN	
inch	mm	dash	MPa	psi	MPa	psi
3/16	4.8	-3	28	4,060	42	6,090
1/4	6.4	-4	23	3,340	41	5,950
5/16	7.9	-5	23	3,340	37	5,370
3/8	9.5	-6	21	3,050	35	5,080
1/2	12.7	-8	17.5	2,540	30	4,350
5/8	15.9	-10	14	2,030	25	3,630
3/4	19.1	-12	12.3	1,780	21.7	3,150
1	25.4	-16	9	1,310	17.5	2,540
1.1/4	31.8	-20	6.3	910	15.8	2,290
1.1/2	38.1	-24	5.1	740	12.5	1,820
2	50.8	-32	4	580	8.8	1,280

- EN 856 4SP, 4SH Series

SIZE			EN 856 4SP		EN 856 4SH	
inch	mm	dash	bar	psi	bar	psi
3/4	19.1	-12	350	5,080	420	6,100
1	25.4	-16	280	4,060	380	5,520
1.1/4	31.8	-20	210	3,050	325	4,720
1.1/2	38.1	-24	185	2,690	290	4,210
2	50.8	-32	165	2,400	250	3,630

- SAE 100 R12, R13 Series

SIZE			SAE 100 R12		SAE 100 R13	
inch	mm	dash	MPa	psi	kg/cm2	psi
3/8	9.5	-6	28	4,060	-	-
1/2	12.7	-8	28	4,060	-	-
5/8	15.9	-10	28	4,060	-	-
3/4	19.1	-12	28	4,060	35	5,080
1	25.4	-16	28	4,060	35	5,080
1.1/4	31.8	-20	21	3,050	35	5,080
1.1/2	38.1	-24	17.5	2,540	35	5,080
2	50.8	-32	17.5	2,540	35	5,080

- EN 854 R6/1TE, R3/2TE Series

SIZE			EN 854 R6/1TE		EN 854 R3/2TE	
inch	mm	dash	MPa	psi	MPa	psi
1/4	6.4	-4	2.8	406	8.7	1,260
5/16	7.9	-5	2.8	406	8.4	1,220
3/8	9.5	-6	2.8	406	7.8	1,130
1/2	12.7	-8	2.8	406	7.0	1,015
5/8	15.9	-10	2.4	348	6.1	885
3/4	19.1	-12	2.1	305	5.2	750
1	25.4	-16	-	-	3.9	565
1.1/4	31.8	-20	-	-	2.6	377

- PRESSURE WASHER HOSE Series

SIZE			P/W HOSE (Original)		P/W HOSE (Super)	
inch	mm	dash	bar	psi	bar	psi
1/4	6.4	-4	210	3,050	400	5,800
5/16	7.9	-5	210	3,050	350	5,080
3/8	9.5	-6	210	3,050	330	4,790
1/2	12.7	-8	210	3,050	275	3,990

- COMPACT HOSE Series

SIZE			W.P 105 bar		W.P 140 bar	
inch	mm	dash	bar	psi	bar	psi
1/4	6.4	-4	105	1,520	140	2,030
5/16	7.9	-5	105	1,520	140	2,030
3/8	9.5	-6	105	1,520	140	2,030
1/2	12.7	-8	105	1,520	140	2,030

- JACK HOSE Series

SIZE			JACK HOSE, 700		SUPER JACK HOSE, 1000	
inch	mm	dash	bar	psi	bar	psi
1/4	6.4	-4	700	10,150	1,000	14,500
3/8	9.5	-6	700	10,150	1,000	14,500

- AIR HOSE Series (Construction Machinery Line)

SIZE			AIR COMPRESSURE HOSE		AIR HOSE(Yellow, Black Cover)	
inch	mm	dash	Mpa	psi	MPa(1W/2W)	psi(1W/2W)
1.1/2	38.1	-24	4.5	650	3.5(2W)	510(2W)
2	50.8	-32	4.5	650	2.6/3.5	380/510

- EN 853 1SN Series



Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
	DN	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
SE0501	5	4.8	3/16"	11.5	0.45	250	3,670	1,000	14,700	90	3.54	195	0.13
SE0601	6	6.4	1/4"	13.1	0.52	225	3,310	900	13,230	100	3.94	221	0.15
SE0801	8	7.9	5/16"	15.0	0.59	215	3,160	860	12,640	115	4.53	256	0.17
SE1001	10	9.5	3/8"	16.9	0.67	180	2,650	720	10,580	130	5.12	319	0.21
SE1201	12	12.7	1/2"	20.1	0.79	160	2,350	640	9,410	180	7.09	397	0.26
SE1601	16	15.9	5/8"	23.5	0.93	130	1,910	520	7,640	200	7.87	490	0.33
SE1901	19	19.0	3/4"	27.5	1.08	105	1,540	420	6,170	240	9.45	583	0.39
SE2501	25	25.4	1"	34.5	1.36	88	1,290	352	5,170	300	11.81	829	0.55
SE3101	31	31.8	1.1/4"	43.2	1.70	63	930	252	3,700	420	16.54	1,235	0.82
SE3801	38	38.1	1.1/2"	49.5	1.95	50	740	200	2,940	500	19.69	1,585	1.06
SE5001	51	50.8	2"	63.2	2.49	40	590	160	2,350	630	24.80	2,190	1.46

Note : Limitech Medium - High Pressure Hose, Available also 2 Types.

- High Quality Smooth Type (SE0000-S) & Exellant Wrapping Type (SE0000-R)

- ♠ TUBE - Oil resistant synthetic rubber
- ♠ REINFORCEMENT- One high tensile steel wire braid
- ♠ COVER - Environment resistant synthetic rubber
- ♠ APPLICABLE SPECS. - EN 853 1SN / SAE 100 R1AT / ISO 1436-1 1SN/R1AT

♣ MAIN APPLICATIONS

- Low-medium pressure lines, return lines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +212°F, -40°C / +100°C

♣ MAX OPERATING TEMPERATURE (Intermittent service)

- 250°F, 121°C

♣ RECOMMENDED FLUIDS

- Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

※ HOSE PACKING(Roll) LENGTH

- 3/16" ~ 5/8" : About 100m(330ft)
- 3/4" : About 60m(200ft)
- 1" : About 50m(165ft)
- 1.1/4" ~ 2" : 20m(65ft), 30.5m(100ft)

- EN 853 2SN Series



Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
	DN	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
SE0502	5	4.8	3/16"	13.0	0.51	415	6,100	1,660	24,400	90	3.54	318	0.21
SE0602	6	6.4	1/4"	14.6	0.58	400	5,880	1,600	23,510	100	3.94	335	0.22
SE0802	8	7.9	5/16"	16.5	0.65	350	5,140	1,400	20,570	115	4.49	410	0.27
SE1002	10	9.5	3/8"	18.6	0.73	330	4,850	1,320	19,400	125	5.00	485	0.32
SE1202	12	12.7	1/2"	21.9	0.86	275	4,040	1,100	16,170	175	7.01	604	0.40
SE1602	16	15.9	5/8"	25.0	0.99	250	3,670	1,000	14,700	200	7.87	713	0.48
SE1902	19	19.0	3/4"	29.2	1.15	215	3,160	860	12,640	240	9.45	897	0.60
SE2502	25	25.4	1"	36.3	1.43	165	2,430	660	9,700	300	11.81	1,228	0.82
SE3102	31	31.8	1.1/4"	46.8	1.84	125	1,840	500	7,350	420	16.50	1,960	1.31
SE3802	38	38.1	1.1/2"	53.1	2.09	90	1,320	360	5,290	500	19.69	2,263	1.51
SE5002	51	50.8	2"	66.2	2.61	80	1,180	320	4,700	630	24.80	3,111	2.07

Note : Limitech High Pressure Hose, Available also 2Types.

- High Quality Smooth Type (SE0000-S) & Exellant Wrapping Type (SE0000-R)

- ♠ TUBE - Oil resistant synthetic rubber
- ♠ REINFORCEMENT- Two high tensile steel wire braids
- ♠ COVER: Environment resistant synthetic rubber
- ♠ APPLICABLE SPECS.: EN 853 2SN / SAE 100 R2AT / ISO 1436-1 2SN/R2AT

♣ MAIN APPLICATIONS

- Medium Pressure Lines & Return lines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +212°F, -40°C / +100°C

♣ MAX OPERATING TEMPERATURE (Intermittent service)

- 250°F, 121°C

♣ RECOMMENDED FLUIDS

- Mineral oils, Vegetable oils, Glycol
& Polyglycol based oils, Synthetic ester based oils,
Oils in Aqueous emulsion, Water

※ HOSE PACKING(Roll) LENGTH

- 3/16" ~ 5/8" : About 100m(330ft)
- 3/4" : About 60m(200ft)
- 1" : About 50m(165ft)
- 1.1/4" ~ 2" : 20m(65ft), 30.5m(100ft)



- EN 857 1SC Series

Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
	DN	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
SC0601	6	6.4	1/4"	12.0	0.47	225	3,310	900	13,240	50	1.97	175	0.12
SC0801	8	7.9	5/16"	13.6	0.54	215	3,160	860	12,639	55	2.17	200	0.13
SC1001	10	9.5	3/8"	15.5	0.61	180	2,650	720	10,600	60	2.36	250	0.17
SC1201	12	12.7	1/2"	18.9	0.74	160	2,350	640	9,400	70	2.76	325	0.22
SC1601	16	15.9	5/8"	22.4	0.88	130	1,910	520	7,640	90	3.54	430	0.29
SC1901	19	19.0	3/4"	25.9	1.02	105	1,540	420	6,160	100	3.94	525	0.35
SC2501	25	25.4	1"	33.3	1.31	88	1,290	352	5,160	160	6.30	750	0.50

Note : Limitech Medium - High Pressure Compact Hose, Available also 2Types.

- High Quality Smooth Type (SC0000-S) & Exellant Wrapping Type (SC0000-R)

- ♠ TUBE - Oil resistant synthetic rubber
- ♠ REINFORCEMENT- One high tensile steel wire braid
- ♠ COVER - Environment resistant synthetic rubber
- ♠ APPLICABLE SPECS.- EN 857 1SC / ISO 11237-1 1SC

♣ MAIN APPLICATIONS

- Low-medium pressure lines, return lines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +212°F, -40°C / +100°C

♣ MAX OPERATING TEMPERATURE (Intermittent service)

- 257°F, 125°C

♣ RECOMMENDED FLUIDS

- Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

※ HOSE PACKING(1R/L) LENGTH

- 3/16" ~ 5/8" : About 100m(330ft)
- 3/4" : About 60m(200ft)
- 1" : About 50m(164ft)



- EN 857 2SC Series

Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
	DN	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
SC0602	6	6.4	1/4"	13.1	0.52	400	5,800	1,600	23,200	75	2.95	180	0.12
SC0802	8	7.9	5/16"	14.7	0.58	350	5,080	1,400	20,300	85	3.35	205	0.14
SC1002	10	9.5	3/8"	16.8	0.66	330	4,790	1,320	19,140	90	3.54	240	0.16
SC1202	12	12.7	1/2"	20.3	0.80	280	4,060	1,120	16,240	130	5.12	305	0.20
SC1602	16	15.9	5/8"	23.6	0.93	250	3,630	1,000	14,500	170	6.69	430	0.29
SC1902	19	19.0	3/4"	27.6	1.09	215	3,120	860	12,470	200	7.87	740	0.50
SC2502	25	25.4	1"	35.2	1.39	165	2,390	660	9,570	250	9.84	1,005	0.67

Note : Limitech High Pressure Compact Hose, Available also 2Types.

- High Quality Smooth Type (SC0000-S) & Exellant Wrapping Type (SC0000-R)

- ♣ TUBE - Oil resistant synthetic rubber
- ♣ REINFORCEMENT - Two high tensile steel wire braids
- ♣ COVER - Environment resistant synthetic rubber
- ♣ APPLICABLE SPECS. - EN 857 2SC / ISO 11237-1 2SC

♣ MAIN APPLICATIONS

- Medium Pressure Lines & Return lines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +212°F, -40°C / +100°C

♣ MAX OPERATING TEMPERATURE (Intermittent service)

- 250°F, 121°C

♣ RECOMMENDED FLUIDS

- Mineral oils, Vegetable oils, Glycol
- & Polyglycol based oils, Synthetic ester based oils,
- Oils in Aqueous emulsion, Water

※ HOSE PACKING(1R/L) LENGTH

- 3/16" ~ 5/8" : About 100m(328ft)
- 3/4" : About 60m(200ft)
- 1" : About 50m(164ft)

- SAE 100 R1AT Series



Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
	DN	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	g/m	lb/ft
HS0501	5	4.8	3/16"	11.5	0.45	21.0	3,040	84.0	12,160	30	1.18	195	0.13
HS0601	6	6.4	1/4"	13.1	0.52	19.2	2,790	76.8	11,160	100	3.94	221	0.15
HS0801	8	7.9	5/16"	15.0	0.59	17.5	2,540	70.0	10,160	115	4.53	256	0.17
HS1001	10	9.5	3/8"	16.9	0.67	15.7	2,280	62.8	9,120	130	5.12	319	0.21
HS1201	12	12.7	1/2"	20.1	0.79	14.0	2,030	56.0	8,120	180	7.09	397	0.26
HS1601	16	15.9	5/8"	23.5	0.93	10.5	1,520	42.0	6,080	200	7.87	490	0.33
HS1901	19	19.0	3/4"	27.5	1.08	8.7	1,260	34.8	5,040	240	9.45	583	0.39
HS2501	25	25.4	1"	34.5	1.36	7.0	1,020	28.0	4,080	300	11.81	829	0.55
HS3101	31	31.8	1.1/4"	43.2	1.70	4.3	620	17.2	2,480	420	16.54	1,235	0.82
HS3801	38	38.1	1.1/2"	49.5	1.95	3.5	510	14.0	2,040	500	19.69	1,585	1.06
HS5001	51	50.8	2"	63.2	2.49	2.6	380	10.4	1,520	630	24.80	2,190	1.46

Note : Limitech Medium - High Pressure Hose, Available also 2 Types.

- High Quality Smooth Type (HS0000-S) & Exellant Wrapping Type (HS0000-R)

- ♠ TUBE - Oil resistant synthetic rubber
- ♠ REINFORCEMENT- One high tensile steel wire braid
- ♠ COVER - Environment resistant synthetic rubber
- ♠ APPLICABLE SPECS.: SAE 100 R1AT

♣ MAIN APPLICATIONS

- Low-medium pressure lines, return lines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +257°F, -40°C / +125°C

♣ RECOMMENDED FLUIDS

- Mineral oils, vegetable and rape seed oils, glycol
and polyglycol based oils, synthetic ester based oils,
oils in aqueous emulsion, water

※ HOSE PACKING(Roll) LENGTH

- 3/16" ~ 5/8" : About 100m(330ft)
- 3/4" : About 60m(200ft)
- 1" : About 50m(165ft)
- 1.1/4" ~ 2" : 20m(65ft), 30.5m(100ft)

- SAE 100 R2AT Series



Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
	DN	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	g/m	lb/ft
HS0502	5	4.8	3/16"	13.0	0.51	35	5,080	140.0	20,320	90	3.54	318	0.21
HS0602	6	6.4	1/4"	14.6	0.58	35	5,080	140.0	20,320	100	3.94	335	0.22
HS0802	8	7.9	5/16"	16.5	0.65	29.7	4,310	118.8	17,240	115	4.49	410	0.27
HS1002	10	9.5	3/8"	18.6	0.73	28	4,060	112.0	16,240	125	5.00	485	0.32
HS1202	12	12.7	1/2"	21.9	0.86	24.5	3,550	98.0	14,200	175	7.01	604	0.40
HS1602	16	15.9	5/8"	25.0	0.99	19.2	2,790	76.8	11,160	200	7.87	713	0.48
HS1902	19	19.0	3/4"	29.2	1.15	15.7	2,280	62.8	9,120	240	9.45	897	0.60
HS2502	25	25.4	1"	36.3	1.43	14	2,030	56.0	8,120	300	11.81	1,228	0.82
HS3102	31	31.8	1.1/4"	46.8	1.84	11.3	1,640	45.2	6,560	420	16.50	1,960	1.31
HS3802	38	38.1	1.1/2"	53.1	2.09	8.7	1,260	34.8	5,040	500	19.69	2,263	1.51
HS5002	51	50.8	2"	66.2	2.61	7.8	1,130	31.2	4,520	630	24.80	3,111	2.07

Note : Limitech High Pressure Hose, Available also 2Types.

- High Quality Smooth Type (HS0000-S) & Exellant Wrapping Type (HS0000-R)

- ♣ TUBE - Oil resistant synthetic rubber
- ♣ REINFORCEMENT- Two high tensile steel wire braids
- ♣ COVER: Environment resistant synthetic rubber
- ♣ APPLICABLE SPECS.: SAE 100 R2AT

♣ MAIN APPLICATIONS

- Medium Pressure Lines & Return lines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +257°F, -40°C / +125°C

♣ RECOMMENDED FLUIDS

- Mineral oils, Vegetable oils, Glycol
- & Polyglycol based oils, Synthetic ester based oils,
- Oils in Aqueous emulsion, Water

※ HOSE PACKING(Roll) LENGTH

- 3/16" ~ 5/8" : About 100m(330ft)
- 3/4" : About 60m(200ft)
- 1" : About 50m(165ft)
- 1.1/4" ~ 2" : 20m(65ft), 30.5m(100ft)



- SAE 100 R16 Series

Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
	DN	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	g/m	lb/ft
CP0616	6	6.4	1/4"	13.1	0.52	35	5,080	140	20,310	50	1.97	250	0.17
CP0816	8	7.9	5/16"	14.5	0.57	29.7	4,310	119	17,230	55	2.17	272	0.18
CP1016	10	9.5	3/8"	17.1	0.67	28	4,060	112	16,240	65	2.56	370	0.25
CP1216	12	12.7	1/2"	20.1	0.79	24.5	3,550	98	14,210	90	3.54	448	0.30
CP1616	16	15.9	5/8"	23.8	0.94	19.2	2,790	77	11,140	100	3.94	585	0.39
CP1916	19	19.0	3/4"	27.4	1.08	15.7	2,280	63	9,110	120	4.72	772	0.52
CP2516	25	25.4	1"	34.7	1.37	14	2,030	56	8,120	150	5.91	1,065	0.71

Note : Limitech Medium - High Pressure Hose, Available also 2Types.

- High Quality Smooth Type (CP0000-S) & Exellant Wrapping Type (CP0000-R)

- ♠ TUBE - Oil resistant synthetic rubber
- ♠ REINFORCEMENT - Two high tensile steel wire braids
- ♠ COVER - Environment resistant synthetic rubber
- ♠ APPLICABLE SPECS. - SAE 100 R16 / ISO 11237-1 R16

♣ MAIN APPLICATIONS

- Medium - High Pressure Lines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +212°F, -40°C / +100°C

♣ MAX OPERATING TEMPERATURE (Intermittent service)

- 257°F, 125°C

♣ RECOMMENDED FLUIDS

- Mineral oils, Vegetable oils, Glycol
& Polyglycol based oils, Synthetic ester based oils,
Oils in Aqueous emulsion, Water

※ HOSE PACKING(1R/L) LENGTH

- 3/16" ~ 5/8" : About 100m(330ft)
- 3/4" : About 60m(200ft)
- 1" : About 50m(164ft)

- SAE 100 R17 Series



Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
No.	DN	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	g/m	lb/ft
CP0617	6	6.4	1/4"	12.3	0.48	21	3,050	84	12,180	50	1.97	170	0.11
CP0817	8	7.9	5/16"	14.4	0.57	21	3,050	84	12,200	55	2.17	195	0.13
CP1017	10	9.5	3/8"	16.5	0.65	21	3,050	84	12,200	65	2.56	260	0.17
CP1217	12	12.7	1/2"	20.1	0.79	21	3,050	84	12,200	90	3.54	355	0.24
CP1617*	16	15.9	5/8"	23.7	0.93	21	3,050	84	12,200	100	3.94	620	0.42
CP1917*	19	19.0	3/4"	27.7	1.09	21	3,050	84	12,200	125	4.92	835	0.56
CP2517*	25	25.4	1"	38.1	1.50	21	3,050	84	12,200	150	5.91	1.35	0.00

*:2W/B

Note : Limitech High Pressure Hose, Available also 2Types.

- High Quality Smooth Type (CP0000-S) & Exellant Wrapping Type (CP0000-R)

- ♠ TUBE - Oil resistant synthetic rubber
- ♠ REINFORCEMENT- One high tensile steel wire braid
- ♠ COVER - Environment resistant synthetic rubber
- ♠ APPLICABLE SPECS. - SAE 100 R17 / ISO 11237-1 R17

♣ MAIN APPLICATIONS

- Low-medium pressure lines, return lines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +212°F, -40°C / +100°C

♣ MAX OPERATING TEMPERATURE (Intermittent service)

- 257°F, 125°C

♣ RECOMMENDED FLUIDS

- Mineral oils, vegetable and rape seed oils, glycol
and polyglycol based oils, synthetic ester based oils,
oils in aqueous emulsion, water

※ HOSE PACKING(1R/L) LENGTH

- 3/16" ~ 5/8" : About 100m(330ft)
- 3/4" : About 60m(200ft)
- 1" : About 50m(164ft)

- DIN 20022 1SN Series



Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
No.	DN	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	g/m	lb/ft
HD0501	5	4.8	3/16"	11.5	0.45	28	4,060	112	16,240	43	1.69	198	0.13
HD0601	6	6.4	1/4"	13.1	0.52	23	3,340	92	13,360	48	1.89	220	0.15
HD0801	8	7.9	5/16"	15.0	0.59	23	3,340	92	13,360	58	2.28	260	0.17
HD1001	10	9.5	3/8"	16.9	0.67	21	3,050	84	12,200	66	2.60	320	0.21
HD1201	12	12.7	1/2"	20.1	0.79	17.5	2,540	70	10,160	85	3.35	400	0.27
HD1601	16	15.9	5/8"	23.5	0.93	14	2,030	56	8,120	105	4.13	495	0.33
HD1901	19	19.0	3/4"	27.5	1.08	12.3	1,780	49	7,120	130	5.12	598	0.40
HD2501	25	25.4	1"	34.5	1.36	9	1,310	36	5,240	145	5.71	843	0.56
HD3101	31	31.8	1.1/4"	43.2	1.70	6.3	910	25	3,640	205	8.07	1,255	0.84
HD3801	38	38.1	1.1/2"	49.5	1.95	5.1	740	20	2,960	245	9.65	1,605	1.07
HD5001	51	50.8	2"	63.2	2.49	4	580	16	2,320	320	12.60	2,200	1.47

Note : Limitech Medium - High Pressure Hose, Available also 2 Types.

- High Quality Smooth Type (HD0000-S) & Exellant Wrapping Type (HD0000-R)

♠ TUBE - Oil resistant synthetic rubber

♠ REINFORCEMENT- One high tensile steel wire braid

♠ COVER - Environment resistant synthetic rubber

♠ APPLICABLE SPECS. - DN 20022 1SN

♣ MAIN APPLICATIONS

- Low-medium pressure lines, return lines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +212°F, -40°C / +100°C

♣ MAX OPERATING TEMPERATURE (Intermittent service)

- 250°F, 121°C

♣ RECOMMENDED FLUIDS

- Mineral oils, vegetable and rape seed oils, glycol
and polyglycol based oils, synthetic ester based oils,
oils in aqueous emulsion, water

※ HOSE PACKING(Roll) LENGTH

- 3/16" ~ 5/8" : About 100m(330ft)

- 3/4" : About 60m(200ft)

- 1" : About 50m(165ft)

- 1.1/4" ~ 2" : 20m(65ft), 30.5m(100ft)



- DIN 20022 2SN Series

Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
No.	DN	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	g/m	lb/ft
HD0502	5	4.8	3/16"	13.0	0.51	42	6,090	168	24,360	88	3.46	325	0.22
HD0602	6	6.4	1/4"	14.6	0.58	41	5,950	164	23,800	98	3.94	350	0.23
HD0802	8	7.9	5/16"	16.5	0.65	37	5,370	148	21,480	113	4.49	425	0.28
HD1002	10	9.5	3/8"	18.6	0.73	35	5,080	140	20,320	120	5.00	495	0.33
HD1202	12	12.7	1/2"	21.9	0.86	30	4,350	120	17,400	180	7.01	620	0.41
HD1602	16	15.9	5/8"	25.0	0.99	25	3,630	100	14,520	205	7.87	730	0.49
HD1902	19	19.0	3/4"	29.2	1.15	21.7	3,150	87	12,600	235	9.45	905	0.60
HD2502	25	25.4	1"	36.3	1.43	17.5	2,540	70	10,160	305	11.81	1,305	0.87
HD3102	31	31.8	1.1/4"	46.8	1.84	15.8	2,290	63	9,160	415	16.50	2,020	1.35
HD3802	38	38.1	1.1/2"	53.1	2.09	12.5	1,820	50	7,280	495	19.69	2,410	1.61
HD5002	51	50.8	2"	66.2	2.61	8.8	1,280	35	5,120	625	24.80	3,220	2.15

Note : Limitech High Pressure Hose, Available also 2Types.

- High Quality Smooth Type (HD0000-S) & Exellant Wrapping Type (HD0000-R)

♠ TUBE - Oil resistant synthetic rubber

♠ REINFORCEMENT- Two high tensile steel wire braids

♠ COVER: Environment resistant synthetic rubber

♠ APPLICABLE SPECS.: DN 20022 2SN

♣ MAIN APPLICATIONS-----

- Medium Pressure Lines & Return lines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +212°F, -40°C / +100°C

♣ MAX OPERATING TEMPERATURE (Intermittent service)

- 250°F, 121°C

♣ RECOMMENDED FLUIDS

- Mineral oils, Vegetable oils, Glycol

& Polyglycol based oils, Synthetic ester based oils,

Oils in Aqueous emulsion, Water

※ HOSE PACKING(Roll) LENGTH

- 3/16" ~ 5/8" : About 100m(330ft)

- 3/4" : About 60m(200ft)

- 1" : About 50m(165ft)

- 1.1/4" ~ 2" : 20m(65ft), 30.5m(100ft)

- EN 856 4SP Series



Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
	DN	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
SP1904	19	19.0	3/4"	31.8	1.25	350	5,080	1,400	20,320	170	6.69	1,150	0.77
SP2504	25	25.4	1"	38.7	1.52	280	4,060	1,120	16,260	340	13.39	1,900	1.28
SP3204	31	31.8	1.1/4"	49.5	1.95	210	3,050	840	12,190	460	18.11	3,030	2.03
SP3804	38	38.1	1.1/2"	56.2	2.21	185	2,690	740	10,740	560	22.05	3,640	2.44
SP5004	51	50.8	2"	70.1	2.76	165	2,400	660	9,580	660	25.98	5,315	3.57

Note : Limitech Spiral Hose (4SP Type)

- Exellant Wrapping Type (SP0000)

- ♠ TUBE - Oil resistant synthetic rubber
- ♠ REINFORCEMENT - Four high tensile steel wire spirals
- ♠ COVER - Environment resistant synthetic rubber
- ♠ APPLICABLE SPECS. - EN 856 4SP / ISO 3862-1 4SP

- ♣ MAIN APPLICATIONS
 - Very High Pressure Lines
- ♣ CONTINUOUS SERVICE TEMPERATURE RANGE
 - -40°F / +212°F, -40°C / +100°C
- ♣ MAX OPERATING TEMPERATURE (Intermittent Service)
 - 257°F 125°C
- ♣ RECOMMENDED FLUIDS
 - Mineral oils, Vegetable oils, Glycol
 - & Polyglycol based oils, Synthetic ester based oils,
 - Oils in Aqueous emulsion, Water

- ※ HOSE PACKING(1R/L) LENGTH
 - 3/4" ~ 2" : Just 20m(66ft), 30.5m(100ft)

- EN 856 4SH Series



Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
	DN	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
SH1904	19	19.0	3/4"	31.7	1.25	420	6,100	1,680	24,380	210	8.27	1,530	1.03
SH2504	25	25.4	1"	37.8	1.49	380	5,520	1,520	22,060	220	8.66	2,075	1.39
SH3104	31	31.8	1.1/4"	44.8	1.76	325	4,720	1,300	18,870	420	16.54	2,465	1.65
SH3804	38	38.1	1.1/2"	53.0	2.09	290	4,210	1,160	16,340	560	22.05	3,310	2.22
SH5004	51	50.8	2"	67.5	2.66	250	3,630	1,000	14,510	700	27.56	4,560	3.06

Note : Limitech Spiral Hose (4SH Type)

- Exellant Wrapping Type (SH0000)

♠ COVER - Environment resistant synthetic rubber

♠ APPLICABLE SPECS. - EN 856 4SH / ISO 3862-1 4SH

♣ MAIN APPLICATIONS

- Very High Pressure Lines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +212°F, -40°C / +100°C

♣ MAX OPERATING TEMPERATURE (Intermittent Service)

- 257°F 125°C

♣ RECOMMENDED FLUIDS

- Mineral oils, Vegetable oils, Glycol

& Polyglycol based oils, Synthetic ester based oils,

Oils in Aqueous emulsion, Water

※ HOSE PACKING(1R/L) LENGTH

- 3/4" ~ 2" : Just 20m(66ft), 30.5m(100ft)

- SAE 100 R12 Series



Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
	DN	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	g/m	lb/ft
SR1212	12	12.7	1/2"	23.2	0.91	28	4,060	112	16,240	180	7.09	750	0.50
SR1612	16	15.9	5/8"	27.0	1.06	28	4,060	112	16,240	200	7.87	985	0.66
SR1912	19	19.0	3/4"	30.2	1.19	28	4,060	112	16,240	240	9.45	1,150	0.77
SR2512	25	25.4	1"	37.2	1.46	28	4,060	112	16,240	300	11.81	1,610	1.08
SR3112	31	31.8	1.1/4"	45.6	1.80	21	3,050	84	12,200	420	16.54	2,080	1.40
SR3812	38	38.1	1.1/2"	53.0	2.09	17.5	2,540	70	10,160	500	19.69	2,920	1.96
SR5012	51	50.8	2"	66.2	2.61	17.5	2,540	70	10,160	640	25.20	4,060	2.72

Note : Limitech Spiral Hose (R12 Type)

- Exellant Wrapping Type (SR0000)

- ♠ REINFORCEMENT- Four high tensile steel wire spirals
- ♠ COVER - Environment resistant synthetic rubber
- ♠ APPLICABLE SPECS. - EN 853 R12 / SAE 100 R12 / ISO 3862-1 R12

♣ MAIN APPLICATIONS

- Very High Pressure Lines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +250°F, -40°C / +121°C

♣ MAX OPERATING TEMPERATURE (Intermittent Service)

- 257°F 125°C

♣ RECOMMENDED FLUIDS

- Mineral oils, Vegetable oils, Glycol
& Polyglycol based oils, Synthetic ester based oils,
Oils in Aqueous emulsion, Water

※ HOSE PACKING(1R/L) LENGTH

- 1/2" ~ 2" : Just 20m(66ft), 30.5m(100ft)



- SAE 100 R13 Series

Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
	DN	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	g/m	lb/ft
SR1913	19	19.0	3/4"	31.8	1.25	35	5,080	140	20,310	240	9.45	1,450	0.97
SR2513	25	25.4	1"	38.0	1.50	35	5,080	140	20,310	300	11.81	2,020	1.36
SR3113*	31	31.8	1.1/4"	48.8	1.77	35	5,080	140	20,310	420	16.54	3,035	2.04
SR3813*	38	38.1	1.1/2"	57.2	2.10	35	5,080	140	20,310	500	19.69	4,355	2.92
SR5013*	51	50.8	2"	71.8	2.71	35	5,080	140	20,310	640	25.20	6,425	4.31

*6S

Note : Limitech Spiral Hose (R12 Type)
- Exellant Wrapping Type (SR0000)

- ♠ COVER - Environment resistant synthetic rubber
- ♠ APPLICABLE SPECS. - EN 856 R13 / SAE 100 R13 / ISO 3862-1 R13
- ♣ MAIN APPLICATIONS
 - Very High Pressure Lines
- ♣ CONTINUOUS SERVICE TEMPERATURE RANGE
 - -40°F / +250°F, -40°C / +121°C
- ♣ MAX OPERATING TEMPERATURE (Intermittent Service)
 - 257°F 125°C
- ♣ RECOMMENDED FLUIDS
 - Mineral oils, Vegetable oils, Glycol
 - & Polyglycol based oils, Synthetic ester based oils,
 - Oils in Aqueous emulsion, Water
- ※ HOSE PACKING(1R/L) LENGTH
 - 3/4" ~ 2" : Just 20m(66ft), 30.5m(100ft)

- Medium Hose

EN 854 R6/1TE Series



Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
No.	DN	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	g/m	lb/ft
MP0601	6	6.4	1/4"	13.1	0.52	2.8	406	11.2	1,620	65	2.56	140	0.09
MP0801	8	7.9	5/16"	15.0	0.59	2.8	406	11.2	1,620	75	2.95	160	0.11
MP1001	10	9.5	3/8"	17.2	0.68	2.8	406	11.2	1,620	75	2.95	195	0.13
MP1201	12	12.7	1/2"	20.2	0.80	2.8	406	11.2	1,620	100	3.94	250	0.17
MP1601	16	15.9	5/8"	23.2	0.91	2.5	363	10.0	1,450	125	4.92	355	0.24
MP1901	19	19.0	3/4"	27.4	1.08	2.1	305	8.4	1,220	150	5.91	420	0.28
MP2501	25	25.4	1"	34.8	1.37	2.0	290	8.0	1,160	160	6.30	590	0.40

Note : Limitech Medium Hose, Available also 2 Types.

- High Quality Smooth Type (MP0000-S) & Exellant Wrapping Type (MP0000-R)

♠ TUBE - Oil resistant synthetic rubber

♠ REINFORCEMENT- One textile braid

♠ COVER: Environment resistant synthetic rubber

♠ APPLICABLE SPECS.:EN 854 R6/1TE - SAE 100 R6 - ISO 4079-1 R6/1TE

♣ MAIN APPLICATIONS

- Low-medium pressure lines, return & drain lines.

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +250°F, -40°C / +125°C

♣ RECOMMENDED FLUIDS

- Mineral oils, vegetable and rape seed oils, glycol
and polyglycol based oils, synthetic ester based oils,
oils in aqueous emulsion, water, diesel fuel (93°C)

※ HOSE PACKING(1R/L) LENGTH

- 3/16" ~ 5/8" : About 100m(330ft)

- 3/4" : About 60m(200ft)

- 1" : About 50m(164ft)



- Pressure Washer Hose

210 Series (Black, Blue)

Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
No.	DN	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	g/m	lb/ft
PW0601	6	6.4	1/4"	12.3	0.48	21	3,050	84	12,180	50	1.97	172	0.12
PW0801	8	7.9	5/16"	14.4	0.57	21	3,050	84	12,180	60	2.36	200	0.13
PW1001	10	9.5	3/8"	16.5	0.65	21	3,050	84	12,180	65	2.56	285	0.19
PW1201	12	12.7	1/2"	20.1	0.79	21	3,050	84	12,180	90	3.54	395	0.27

Note : Limitech Pressure Washer Hose, Available also 2Types,

- High Quality Smooth Type (PW0000-S) & Exellant Wrapping Type (PW0000-R)

- ♠ TUBE - Water resistant synthetic rubber
- ♠ REINFORCEMENT- One high tensile steel braid
- ♠ COVER - Environment resistant synthetic rubber (Available also in blue color)
- ♠ APPLICABLE SPECS. - Limitech Design

♣ MAIN APPLICATIONS

- Water-Cleaning equipment, ideal for hobby and semi-professional machines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +257°F, -40°C / +125°C

♣ MAX OPERATING TEMPERATURE (Intermittent service)

- 302°F, 150°C

♣ RECOMMENDED FLUIDS

- Water, mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

※ HOSE PACKING(1R/L) LENGTH

- About 100m(328ft), Up to 150m(500ft)



- Pressure Washer Hose

400 Series (Black, Blue)

Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
	DN	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	g/m	lb/ft
PW0602	6	6.4	1/4"	13.1	0.52	40	5,800	160	23,210	70	2.76	185	0.12
PW0802	8	7.9	5/16"	14.7	0.58	40	5,800	160	23,210	75	2.95	230	0.15
PW1002	10	9.5	3/8"	16.8	0.66	40	5,800	160	23,210	92	3.62	295	0.20
PW1202	12	12.7	1/2"	20.3	0.80	35	5,080	140	20,310	116	4.57	430	0.29

Note : Limitech Pressure Washer Hose, Available also 2Types,

- High Quality Smooth Type (PW0000-S) & Exellant Wrapping Type (PW0000-R)

- ♠ TUBE - Water resistant synthetic rubber
- ♠ REINFORCEMENT- Two high tensile steel braid
- ♠ COVER - Environment resistant synthetic rubber (Available also in blue color)
- ♠ APPLICABLE SPECS. - Limitech Design

♣ MAIN APPLICATIONS

- Water-Cleaning equipment, ideal for hobby and semi-professional machines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +257°F, -40°C / +125°C

♣ MAX OPERATING TEMPERATURE (Intermittent service)

- 302°F, 150°C

♣ RECOMMENDED FLUIDS

- Water, mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

※ HOSE PACKING(1R/L) LENGTH

- About 100m(328ft), Up to 150m(500ft)

- Compact Hose

105 Series



Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Redius		Weight	
No.	DN	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
CP0601	6	6.4	1/4"	11.5	0.45	105	1,520	420	6,080	20	1.57	145	0.09
CP1001	10	9.5	3/8"	16.5	0.65	105	1,520	420	6,080	40	2.36	190	0.13
CP1201	12	12.7	1/2"	19.0	0.75	105	1,520	420	6,080	50	2.95	250	0.17

Note : Limitech High Pressure Hose, Available also 2Types.

- High Quality Smooth Type (CP0000-S) & Exellant Wrapping Type (CP0000-R)

- ♠ TUBE - Oil resistant synthetic rubber
- ♠ REINFORCEMENT- One high tensile steel wire braid
- ♠ COVER - Environment resistant synthetic rubber
- ♠ APPLICABLE SPECS. - Limitech Spec.

♣ MAIN APPLICATIONS

- Low-medium pressure lines, return lines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +257°F, -40°C / +125°C

♣ RECOMMENDED FLUIDS

- Mineral oils, vegetable and rape seed oils, glycol
and polyglycol based oils, synthetic ester based oils,
oils in aqueous emulsion, water

※ HOSE PACKING(1R/L) LENGTH

- 1/4" ~ 1/2" : About 100m(330ft)

- Compact Hose 140 Series



Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
No.	DN	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
CP0602	6	6.4	1/4"	11.5	0.45	140	2,030	560	8,120	25	0.98	160	0.11
CP1002	10	9.5	3/8"	16.5	0.65	140	2,030	560	8,120	45	1.77	245	0.16
CP1202	12	12.7	1/2"	19.0	0.75	140	2,030	560	8,120	55	2.17	280	0.19

Note : Limitech High Pressure Hose, Available also 2Types.

- High Quality Smooth Type (CP0000-S) & Exellant Wrapping Type (CP0000-R)

- ♠ TUBE - Oil resistant synthetic rubber
- ♠ REINFORCEMENT- One high tensile steel wire braid
- ♠ COVER - Environment resistant synthetic rubber
- ♠ APPLICABLE SPECS. - Limitech Spec.

♣ MAIN APPLICATIONS

- Low-medium pressure lines, return lines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +257°F, -40°C / +125°C

♣ RECOMMENDED FLUIDS

- Mineral oils, vegetable and rape seed oils, glycol
and polyglycol based oils, synthetic ester based oils,
oils in aqueous emulsion, water

※ HOSE PACKING(1R/L) LENGTH

- 1/4" ~ 1/2" : About 100m(330ft)

- Jack Hose

700 Series



Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
No.	DN	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
JK0602	6	6.4	1/4"	14.8	0.58	700	10,150	1,400	20,300	100	3.94	360	0.24
JK1002	10	9.5	3/8"	18.8	0.74	700	10,150	1,400	20,300	125	5.00	500	0.34

Note : Limitech High Pressure Hose, Available also 2Types.

- High Quality Smooth Type (JK0000-S) & Exellant Wrapping Type (JK0000-R)

- ♠ TUBE - Oil resistant synthetic rubber
- ♠ REINFORCEMENT- Two high tensile steel wire braids
- ♠ COVER - Environment resistant synthetic rubber
- ♠ APPLICABLE SPECS. - Limitech Spec.

♣ MAIN APPLICATIONS

- High pressure lines, return lines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +212°F, -40°C / +100°C

♣ RECOMMENDED FLUIDS

- Mineral oils, vegetable and rape seed oils, glycol
and polyglycol based oils, synthetic ester based oils,
oils in aqueous emulsion, water

※ HOSE PACKING(1R/L) LENGTH

- 1/4", 3/8" : About 100m(330ft)

- Jack Hose

1000(Super) Series



Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
No.	DN	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
JK0602	6	6.4	1/4"	14.8	0.58	1000	14,500	2,000	29,000	120	4.72	380	0.26
JK1002	10	9.5	3/8"	18.8	0.74	1000	14,500	2,000	29,000	140	5.51	525	0.35

Note : Limitech High Pressure Hose, Available also 2Types.

- High Quality Smooth Type (JK0000-S) & Exellant Wrapping Type (JK0000-R)

- ♠ TUBE - Oil resistant synthetic rubber
- ♠ REINFORCEMENT- Two high tensile steel wire braids
- ♠ COVER - Environment resistant synthetic rubber
- ♠ APPLICABLE SPECS. - Limitech Spec.

♣ MAIN APPLICATIONS

- High pressure lines, return lines

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +212°F, -40°C / +100°C

♣ RECOMMENDED FLUIDS

- Mineral oils, vegetable and rape seed oils, glycol
and polyglycol based oils, synthetic ester based oils,
oils in aqueous emulsion, water

※ HOSE PACKING(1R/L) LENGTH

- 1/4", 3/8" : About 100m(330ft)

- AIR HOSE Series

Air Compressor Hose



Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
	DN	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	g/m	lb/ft
AC3802	38	38.1	1.1/2"	53.1	2.09	4.5	650	18	2,600	500	19.69	2,450	1.63
AC5002	51	50.8	2"	66.2	2.61	4.5	650	18	2,600	630	24.80	3,415	2.28

Note : Limitech Air Comp. Hose

- Exellant Wrapping Type (AC0000)

- ♠ REINFORCEMENT- Two high tensile steel wire braids
- ♠ COVER - Environment resistant synthetic rubber (Airhole)
- ♠ APPLICABLE SPECS. - Limitech Spec.

♣ MAIN APPLICATIONS

- Hot Air Construction Machinery Line Hose

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +185°F, -40°C / +85°C

♣ RECOMMENDED FLUIDS

- Heavy duty multi-purpose service line.

Hot air & Hot water. Insufficient Oil.

Satisfactory to the construction of the various weathering environments.

※ HOSE PACKING(1R/L) LENGTH

- Max. 30.5m(100ft)

- Air Hose Series

Yellow or Black Cover



Code No.	Size (I.D)			O. D		W.P (Max.)		Burst Pressure		Bend Radius		Weight	
	DN	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	g/m	lb/ft
AR3802*2	38	38.1	1.1/2"	53.1	2.09	3.5	510	14	2,040	500	19.69	2,263	1.51
AR5001*1	51	50.8	2"	63.2	2.49	2.6	380	10.4	1,520	630	24.80	2,190	1.46
AR5002*2				66.2	2.61	3.5	510	14	2,040	630	24.80	3,111	2.07

*1:1W/B, *2:2W/B

Note : Limitech Air Hose

- Exellant Wrapping Type (AR0000)

- ♣ REINFORCEMENT- Two high tensile steel wire braids
- ♣ COVER - Environment resistant synthetic rubber (Airhole)
- ♣ APPLICABLE SPECS. - Limitech Spec.

♣ MAIN APPLICATIONS

- Construction Machinery Line Hose

♣ CONTINUOUS SERVICE TEMPERATURE RANGE

- -40°F / +158°F, -40°C / +70°C

♣ RECOMMENDED FLUIDS

- Heavy duty multi-purpose service line.
- Air, water & Oil.
- Satisfactory to the construction of the various weathering environments.

※ HOSE PACKING(1R/L) LENGTH

- Max. 30.5m(100ft)