



Hydraulic Hose



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DISCLAIMER

Disclaimer

The information and dimensions listed in these catalogues is correct to the best of our knowledge and belief, having been compiled from reliable and official sources of information. However Hardy Spicer (HS Company Pty Ltd) accepts no responsibility for possible errors, omissions or unsuitable parts being listed or fitted to any vehicle. Dimensions listed are nominal throughout. Due to our continuous product and range development we reserve the right to alter the specification without prior notice.

We welcome any feedback re suspected errors or omissions to the information enclosed. We can be contacted via email hspicer@hardyspicer.com.au
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HOSE

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Extremely High Pressure

EFG6K Spiral Wire Hose - SAE 100R15

For Biodegradable Hydraulic Fluids

(Meets Flame Resistance Acceptance Designation "US. MSHA2G")

Recommended For: Extremely high pressure, high impulse applications such as hydrostatic transmissions. EFG6K is designed to meet all requirements of SAE 100R15 specifications and performance requirements of EN 856 4SP (-6, -8, -10, and -12) and EN 856 4SH (-12, -16, and -20). **Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum based fluids.** Available in 36M and 60M coils.

Temperature Range: -40°C to +121°C

Fittings: (see crimp manuals for specifics):
GS Fittings up to -20
GSM Fittings for -24 & -32

Tube: Black, oil-resistant synthetic rubber (Nitrile-Type C)
Reinforcement: Four (six for -20, -24 & -32) alternating layers of spiraled, high tensile steel.
Cover: Black, oil resistant, synthetic rubber (Neoprene Type A). Colour coded layline. Available with unique abrasion-resistant MegaTuff® cover.



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Carton Length (ft / m)
EFG6K-06	4651-1396	3/8	0.800	6000 / 413	24000 / 1654	2.500 / 63	100 / 30
EFG6K-08	4651-1371	1/2	0.950	6000 / 413	24000 / 1654	3.500 / 89	100 / 30
EFG6K-10	4651-1368	5/8	1.090	6000 / 413	24000 / 1654	4.000 / 102	100 / 30
EFG6K-12	4651-1288	3/4	1.240	6000 / 413	24000 / 1654	4.700 / 120	100 / 30
EFG6K-16	4651-1289	1	1.530	6000 / 413	24000 / 1654	6.000 / 153	100 / 30
EFG6K-20	4651-1290	1 1/4	1.970	6000 / 413	24000 / 1654	8.200 / 208	50 / 15
EFG6K-24	4651-1531	1 1/2	2.260	6000 / 413	24000 / 1654	10.000 / 254	50 / 15
EFG6K-32	4651-1759	2	2.800	6000 / 413	24000 / 1654	25.000 / 635	50 / 15

MEGATUFF® COVER SPECIFICATIONS

Megatuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945

EFG6K-08-MTF ¥	4651-1609	1/2	0.950	6000 / 413	24000 / 1654	3.500 / 89	100 / 30
EFG6K-10-MTF ¥	4651-1416	5/8	1.090	6000 / 413	24000 / 1654	4.000 / 102	100 / 30
EFG6K-12-MTF ¥	4651-1606	3/4	1.240	6000 / 413	24000 / 1654	4.700 / 120	100 / 30
EFG6K-16-MTF ¥	4651-1604	1	1.530	6000 / 413	24000 / 1654	6.000 / 153	100 / 30
EFG6K-20-MTF ¥	4651-1601	1 1/4	1.970	6000 / 413	24000 / 1654	8.200 / 208	50 / 15
EFG6K-24-MTF ¥	4651-1754	1 1/2	2.260	6000 / 413	24000 / 1654	10.000 / 254	50 / 15
EFG6K-32-MTF ¥	4651-1757	2	2.800	6000 / 413	24000 / 1654	25.000 / 635	50 / 15

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Extremely High Pressure

EFG5K Spiral Wire Hose - SAE 100R13

For Biodegradable Hydraulic Fluids

(Meets Flame Resistance Acceptance Designation "US. MSHA2G")

Recommended For: Extremely high pressure, hydraulic applications. EFG5K is designed to meet all requirements of SAE 100R13 specifications and performance requirements of EN 856 4SH (-16 and -20) and EN 856 4SP (-8, -10, and -12) and EN 856 R13.

Compatible with biodegradable hydraulic fluids like poly-olester, polyglycol and vegetable oil as well as standard petroleum based fluids. Available in 36M and 60M coils.

Tube: Black, oil-resistant synthetic rubber (Nitrile-Type C)

Reinforcement: Four layers of alternated spiraled, high tensile steel wire on -12 and -16 sizes - six layers of alternated spiraled, high tensile steel wire on -20, -24 & -32 size.

Cover: Black, oil resistant, synthetic rubber (Neoprene). Colour coded layline. Available with unique abrasion-resistant MegaTuff® cover.

Temperature Range: -40°C to +121°C

Fittings: (see crimp manuals for specifics):
GS Fittings up to -20
GSM Fittings for -24 & -32



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Carton Length (ft / m)
EFG5K-06	4651-1424	3/8	0.800	5000 / 345	20000 / 1378	2.500 / 63	100 / 30
EFG5K-08	4651-1372	1/2	0.950	5000 / 345	20000 / 1378	3.500 / 89	100 / 30
EFG5K-10	4651-1340	5/8	1.090	5000 / 345	20000 / 1378	4.000 / 102	100 / 30
EFG5K-12	4651-1285	3/4	1.240	5000 / 345	20000 / 1378	4.700 / 120	100 / 30
EFG5K-16	4651-1286	1	1.530	5000 / 345	20000 / 1378	6.000 / 153	100 / 30
EFG5K-20	4651-1287	1 1/4	1.970	5000 / 345	20000 / 1378	8.200 / 208	50 / 15
EFG5K-24	4651-1455	1 1/2	2.260	5000 / 345	20000 / 1378	10.000 / 254	50 / 15
EFG5K-32	4651-1456	2	2.800	5000 / 345	20000 / 1378	25.000 / 635	50 / 15

MEGATUFF® COVER SPECIFICATIONS

Megatuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945

EFG5K-06-MTF ¥	4651-1436	3/8	0.800	5000 / 345	20000 / 1378	2.500 / 63	100 / 30
EFG5K-08-MTF ¥	4651-1608	1/2	0.950	5000 / 345	20000 / 1378	3.500 / 89	100 / 30
EFG5K-10-MTF ¥	4651-1410	5/8	1.090	5000 / 345	20000 / 1378	4.000 / 102	100 / 30
EFG5K-12-MTF ¥	4651-1605	3/4	1.240	5000 / 345	20000 / 1378	4.700 / 120	100 / 30
EFG5K-16-MTF ¥	4651-1603	1	1.530	5000 / 345	20000 / 1378	6.000 / 153	100 / 30
EFG5K-20-MTF ¥	4651-1600	1 1/4	1.970	5000 / 345	20000 / 1378	8.200 / 208	50 / 15
EFG5K-24-MTF ¥	4651-2203	1 1/2	2.260	5000 / 345	20000 / 1378	10.000 / 254	50 / 15
EFG5K-32-MTF ¥	4651-1522	2	2.800	5000 / 345	20000 / 1378	25.000 / 635	50 / 15

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Extremely High Pressure

EFG4K Spiral Wire Hose - SAE 100R12

For Biodegradable Hydraulic Fluids

(Meets Flame Resistance Acceptance Designation "US. MSHA2G")

Recommended For: Extremely high pressure, high impulse applications. Exceeds all performance requirements for SAE 100R12, EN 856 R12 and EN 856 4SP (-16)

Temperature Range: -40°C to +121°C

Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum based fluids. Available in 36M and 60M coils.

Fittings: (see crimp manuals for specifics):
GS Fittings

Tube: Black, oil-resistant synthetic rubber (Nitrile-Type C)

Reinforcement: Four alternating layers of spiraled, high tensile steel wire.

Cover: Black, oil resistant, synthetic rubber (Neoprene Type A). Colour coded layline. Available with unique abrasion-resistant MegaTuff® cover.



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Carton Length (ft / m)
EFG4K-06	4651-1338	3/8	0.800	4000 / 276	16000 / 1102	2.500 / 63	100 / 30
EFG4K-08	4651-1339	1/2	0.940	4000 / 276	16000 / 1102	3.500 / 89	100 / 30
EFG4K-10	4651-1367	5/8	1.090	4000 / 276	16000 / 1102	4.000 / 102	100 / 30
EFG4K-12	4651-1282	3/4	1.210	4000 / 276	16000 / 1102	4.700 / 120	100 / 30
EFG4K-16	4651-1283	1	1.500	4000 / 276	16000 / 1102	6.000 / 153	100 / 30
EFG4K-20	4651-1284	1 1/4	1.850	4000 / 276	16000 / 1102	8.200 / 208	50 / 15

MEGATUFF® COVER SPECIFICATIONS

Megatuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945

EFG4K-06-MTF ¥	4651-1610	3/8	0.800	4000 / 276	16000 / 1102	2.500 / 63	100 / 30
EFG4K-08-MTF ¥	4651-1607	1/2	0.940	4000 / 276	16000 / 1102	3.500 / 89	100 / 30
EFG4K-10-MTF ¥	4651-1404	5/8	1.090	4000 / 276	16000 / 1102	4.000 / 102	100 / 30
EFG4K-12-MTF ¥	4651-1405	3/4	1.210	4000 / 276	16000 / 1102	4.700 / 120	100 / 30
EFG4K-16-MTF ¥	4651-1406	1	1.500	4000 / 276	16000 / 1102	6.000 / 153	100 / 30
EFG4K-20-MTF ¥	4651-1602	1 1/4	1.850	4000 / 276	16000 / 1102	8.200 / 208	50 / 15

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**Extremely
High Pressure**

Global EFG3K Spiral Wire Hose - SAE 100R12

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: Extremely high pressure, high impulse applications. Exceeds all requirements of SAE 100R12 and EN 856 R12 and performance requirements of EN 856 4SP.

Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum based fluids. Available in 36M and 60M coils.

Tube: Black, oil-resistant synthetic rubber (Nitrile-Type C)

Reinforcement: Four alternating layers of spiraled, high tensile steel wire.

Cover: Black, oil resistant, synthetic rubber (Neoprene). Colour coded layline. Available with unique abrasion-resistant MegaTuff® cover.

Temperature Range: -40°C to +121°C

Fittings: (see crimp manuals for specifics):

GS Fittings for -20

GSP Fittings for -24 & -32



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Carton Length (ft / m)
EFG3K-20 ¥	4651-1381	1-1/4	1.850	3000 / 207	12000 / 827	8.200 / 208	100 / 30
EFG3K-24	4651-1451	1-1/2	2.110	3000 / 207	12000 / 827	10.000 / 254	50 / 15
EFG3K-32	4651-1452	2	2.630	3000 / 207	12000 / 827	25.000 / 635	50 / 15

MEGATUFF® COVER SPECIFICATIONS

Megatuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945

EFG3K-20-MTF ¥	4651-1425	1-1/4	1.850	3000 / 207	12000 / 827	8.200 / 208	50 / 15
EFG3K-24-MTF ¥	4651-2201	1-1/2	2.110	3000 / 207	12000 / 827	10.000 / 254	50 / 15
EFG3K-32-MTF ¥	4651-2205	2	2.630	3000 / 207	12000 / 827	25.000 / 635	50 / 15

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High Pressure

Global G2 2-Wire Braid Hose - SAE 100R2 Type AT

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: High Pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100R2AT and SAE 100R2 types and performance requirements of EN 853 2SN.

Tube: Black, oil-resistant synthetic rubber (Nitrile-Type C)

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil and abrasion resistant thin synthetic rubber (Modified Nitrile)

Temperature Range: -40°C to +100°C

Fittings: (see crimp manuals for specifics):

PC Fittings for -03

MegaCrimp® Fittings (except -24 and -32).

GSP Fittings for -24 and -32



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
G2-03	4657-0020	3/16	0.520	6000 / 410	24000 / 1654	3.500 / 89	440 / 134
G2-04	4657-0125	1/4	0.590	5800 / 400	23200 / 1598	4.000 / 102	550 / 167
G2-06	4657-0126	3/8	0.740	4800 / 331	19200 / 1323	5.000 / 127	400 / 121
G2-08	4657-0127	1/2	0.860	4000 / 273	16000 / 1102	7.000 / 178	330 / 100
G2-10	4657-0132	5/8	0.990	3625 / 250	14500 / 999	8.000 / 203	220 / 67
G2-12	4657-0128	3/4	1.150	3100 / 214	12400 / 854	9.500 / 241	220 / 67
G2-16	4657-0129	1	1.480	2400 / 165	9600 / 661	12.000 / 305	165 / 50
G2-20	4657-0644	1 1/4	1.860	1825 / 126	7300 / 503	16.500 / 419	120 / 36
G2-24	4657-2491	1 1/2	2.110	1300 / 90	5000 / 345	20.000 / 508	120 / 36
G2-32	4657-2492	2	2.620	1175 / 81	4500 / 310	25.000 / 635	120 / 36

High Pressure

MegaTech™ II ACP Hot Oil/Air Pressure Line - SAE 100R2 Type AT

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: Multipurpose high pressure, high temperature, air compressor lines, petroleum-base or phosphate ester hydraulic fluid supplies. Meets or exceeds the requirements of SAE 100R2AT and SAE 100R2 Type S.

Tube: Black, oil-resistant synthetic rubber (CPE-Type J).

Reinforcement: Two braids of high-tensile steel wire.

Cover: Blue, oil and abrasion resistant polyester braid.

Temperature Range: -40°C to +149°C

Fittings: (see crimp manuals for specifics):

MegaCrimp® Fittings for -20

Permanent GSP Fittings for -24 and -32



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Carton Length (ft / m)
ACP-20	4657-4985	1-1/4	1.890	2250 / 155	6800 / 469	15.000 / 381	130 / 40
ACP-24	4657-4986	1-1/2	2.130	1500 / 103	6000 / 413	20.000 / 508	130 / 40
ACP-32	4657-4987	2	2.610	1300 / 89	5200 / 358	25.000 / 635	130 / 40

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High Pressure

Global G2L PolarFlex™ Hose - SAE 100R2 Type AT

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: High pressure, hydraulic oil lines. Meets or exceeds the requirements of SAE 100R2AT and performance requirements of EN 853 2SN.

Tube: Black, oil-resistant synthetic rubber (Nitrile-Type C).

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil and abrasion resistant thin synthetic rubber (Neoprene).

Temperature Range: -57°C to +100°C

Fittings: (see crimp manuals for specifics): MegaCrimp® Fittings



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
G2L-04 ¥	4657-2202	1/4	0.590	5800 / 400	23200 / 1598	4.000 / 102	440 / 134
G2L-06 ¥	4657-2203	3/8	0.740	4800 / 331	19200 / 1323	5.000 / 127	385 / 117
G2L-08 ¥	4657-2204	1/2	0.860	4000 / 276	16000 / 1102	7.000 / 178	330 / 101
G2L-10 ¥	4657-2205	5/8	0.990	3625 / 250	14500 / 999	8.000 / 203	220 / 67
G2L-12 ¥	4657-2206	3/4	1.150	3100 / 214	12400 / 854	9.500 / 241	220 / 67
G2L-16 ¥	4657-2207	1	1.480	2400 / 165	9600 / 661	12.000 / 305	165 / 50
G2L-20 ¥	4657-2208	1-1/2	1.840	1825 / 126	7300 / 503	16.500 / 419	110 / 34

High Pressure

M2T® Plus Megaflex® 2 Wire Braid Hose - SAE 100R16

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: High pressure, hydraulic oil lines. Exceeds SAE 100R16 requirements. M2T hose has smaller exterior dimensions and significantly tighter bend radius.

Tube: Black, oil-resistant synthetic rubber (Nitrile-Type C)

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). Green stripe layline. Available with unique abrasion-resistant MegaTuff® cover.

Temperature Range: -40°C to +100°C

Fittings: (see crimp manuals for specifics): MegaCrimp® Fittings



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
M2T-04	4657-1552	1/4	0.560	6000 / 413	24000 / 1654	1.500 / 38	550 / 168
M2T-06	4657-1555	3/8	0.700	5000 / 345	20000 / 1378	2.000 / 51	385 / 117
M2T-08	4657-1559	1/2	0.820	4300 / 296	17200 / 1186	2.800 / 89	330 / 101
M2T-10	4657-1563	5/8	0.950	3800 / 262	15200 / 1048	3.000 / 76	220 / 67
M2T-12	4657-1567	3/4	1.110	3500 / 241	14000 / 965	3.800 / 97	220 / 67
M2T-16	4657-1571	1	1.390	2500 / 172	10000 / 689	4.500 / 114	165 / 50

MEGATUFF® COVER SPECIFICATIONS

Megatuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945

M2T-04-MTF	4657-0222	1/4	0.540	6000 / 413	24000 / 1654	1.500 / 38	350 / 107
M2T-06-MTF	4657-1478	3/8	0.690	5000 / 345	20000 / 1378	2.000 / 51	330 / 101
M2T-08-MTF	4657-0224	1/2	0.810	4300 / 296	17200 / 1186	2.800 / 89	330 / 101
M2T-10-MTF	4657-0225	5/8	0.950	3800 / 262	15200 / 1048	3.000 / 76	220 / 67
M2T-12-MTF	4657-0226	3/4	1.100	3500 / 241	14000 / 965	3.800 / 97	220 / 67
M2T-16-MTF	4657-0227	1	1.380	2500 / 172	10000 / 689	4.500 / 114	165 / 50

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High Pressure

CM2T® Megaflex® Connected TwinLine 2 Wire Braid Hose SAE 100R16

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: High Pressure hydraulic oil lines. Meets SAE 100R16 requirements. CM2T hose has smaller exterior dimensions and significantly tighter bend radius. Exceeds performance standards of EN 857 2SC and ISO/DIS 1436.

Tube: Black, oil resistant synthetic rubber (Nitrile-Type C).

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant synthetic rubber (Modified Nitrile - Type C).

Temperature Range: -40°C to +100°C

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings.



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
CM2T-06	4657-99664	3/8	0.700	4800 / 330	19200 / 1323	3.500 / 89	215 / 65
CM2T-08	4657-99665	1/2	0.820	4000 / 275	16000 / 1103	5.000 / 127	180 / 55

High Pressure

Global M6K Mega6000® Hose

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: High pressure hydraulic applications. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing.

Tube: Black, oil-resistant synthetic rubber (Nitrile-Type C)

Reinforcement: Two braids of high tensile steel wire.

Cover: Black, oil, abrasion and weather resistant synthetic rubber (Modified Nitrile - Type C). Colour coded layline

Temperature Range: -40°C to +100°C

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
M6K-04	4657-96110	1/4	0.580	6000 / 413	24000 / 1654	2.000 / 51	440 / 134

High Pressure

Global M5K Mega5000® Hose

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: High pressure hydraulic applications. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing.

Tube: Black, oil-resistant synthetic rubber (Nitrile-Type C)

Reinforcement: Two braids of high tensile steel wire.

Cover: Black, oil, abrasion and weather resistant synthetic rubber (Modified Nitrile - Type C). Colour coded layline

Temperature Range: -40°C to +100°C

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
M5K-04 ¥	4657-1100	1/4	0.540	5000 / 344	20000 / 1378	2.000 / 51	440 / 134
M5K-05 ¥	4657-8006	5/16	0.610	5000 / 344	20000 / 1378	2.200 / 56	350 / 107
M5K-06	4657-2695	3/8	0.700	5000 / 344	20000 / 1378	2.500 / 64	330 / 101
M5K-08	4657-2650	1/2	0.860	5000 / 344	20000 / 1378	3.500 / 89	220 / 67

¥ Pricing & availability on request. Minimum purchase quantity may apply.

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High Pressure

Global M4K+ Mega4000® Hose

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: High pressure hydraulic applications. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing. The plus symbol indicates development testing at 150% of maximum working pressure up to 600,000 impulse cycles.

Tube: Black, oil-resistant synthetic rubber (Nitrile-Type C)

Reinforcement: Two braids of high tensile steel wire.

Cover: Black, oil, abrasion and weather resistant synthetic rubber (Modified Nitrile - Type C). Colour coded layline.

Available with unique abrasion-resistant MegaTuff® or XtraTuff™ cover.

Temperature Range: -40°C to +100°C

Fittings: (see crimp manuals for specifics):

MegaCrimp® Fittings up to -12

GS Fittings for -16



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
M4K-04 ¥	4657-1467	1/4	0.550	4000 / 276	16000 / 1102	1.500 / 38	440 / 134
M4K-06 ¥	4657-1458	3/8	0.700	4000 / 276	16000 / 1102	2.000 / 61	330 / 101
M4K-08 ¥	4657-1459	1/2	0.820	4000 / 276	16000 / 1102	2.800 / 71	220 / 67
M4K-10	4657-1460	5/8	0.990	4000 / 276	16000 / 1102	3.000 / 76	220 / 67
M4K-12	4657-1461	3/4	1.170	4000 / 276	16000 / 1102	3.800 / 97	220 / 67
M4K-16	4657-4051	1	1.520	4000 / 276	16000 / 1102	4.500 / 114	165 / 50

XTRATUFF™ COVER SPECIFICATIONS

Xtratuff™ hose lasts up to 25 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945

M4K-04-XTF	4657-2281	1/4	0.550	4000 / 276	16000 / 1102	1.500 / 38	440 / 134
M4K-06-XTF	4657-2283	3/8	0.700	4000 / 276	16000 / 1102	2.000 / 61	330 / 101
M4K-08-XTF	4657-2284	1/2	0.820	4000 / 276	16000 / 1102	2.800 / 71	220 / 67
M4K-10-XTF	4657-2285	5/8	0.990	4000 / 276	16000 / 1102	3.000 / 76	220 / 67
M4K-12-XTF	4657-2286	3/4	1.170	4000 / 276	16000 / 1102	3.800 / 97	220 / 67
M4K-16-XTF	4657-4052	1	1.520	4000 / 276	16000 / 1102	4.500 / 114	165 / 50

MEGATUFF® COVER SPECIFICATIONS

Megatuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945

M4K-04-MTF ¥	4657-1477	1/4	0.550	4000 / 276	16000 / 1102	1.500 / 38	350 / 107
M4K-06-MTF ¥	4657-1479	3/8	0.700	4000 / 276	16000 / 1102	2.000 / 61	330 / 101
M4K-08-MTF ¥	4657-1480	1/2	0.820	4000 / 276	16000 / 1102	2.800 / 71	220 / 67
M4K-10-MTF ¥	4657-1481	5/8	0.990	4000 / 276	16000 / 1102	3.000 / 76	220 / 67
M4K-12-MTF ¥	4657-1482	3/4	1.170	4000 / 276	16000 / 1102	3.800 / 97	190 / 58
M4K-16-MTF ¥	4657-4053	1	1.520	4000 / 276	16000 / 1102	4.500 / 114	165 / 50

¥ Pricing & availability on request. Minimum purchase quantity may apply.

High Pressure

Global M3K Mega3000® Hose - SAE 100R17

Recommended For: High Pressure hydraulic oil lines. Meets SAE 100R17 requirements and performance requirements of EN 857 1SC. M3K hose has smaller exterior dimensions and significantly tighter bend radius than other SAE 100R1 and 100R2 hose.

Tube: Black, oil-resistant synthetic rubber (Nitrile-Type C).

Reinforcement: Braided high-tensile steel wire. -4, -5, -6 and -8 sizes are one braid; -10, -12, and -16 sizes are two braid.

Cover: Black, oil, abrasion and weather resistant synthetic rubber (Modified Nitrile). Colour coded layline. Available with unique abrasion-resistant Megatuff® or XtraTuff® cover.

Temperature Range: -40°C to +100°C

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
M3K-04	4657-1157	1/4	0.480	3000 / 207	12000 / 827	1.500 / 38	440 / 134
M3K-05 ¥	4657-2216	5/16	0.600	3000 / 207	12000 / 827	1.800 / 46	385 / 117
M3K-06	4657-1158	3/8	0.630	3000 / 207	12000 / 827	2.000 / 51	330 / 101
M3K-08	4657-1159	1/2	0.800	3000 / 207	12000 / 827	2.800 / 71	220 / 67
M3K-10 ¥	4657-1173	5/8	0.990	3000 / 207	12000 / 827	3.000 / 76	220 / 67
M3K-12	4657-0679	3/4	1.150	3000 / 207	12000 / 827	3.800 / 97	220 / 67
M3K-16	4657-1163	1	1.480	3000 / 207	12000 / 827	4.500 / 114	165 / 50

XTRATUFF™ COVER SPECIFICATIONS

Xtratuff™ hose lasts up to 25 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945

M3K-04-XTF ¥	4657-1097	1/4	0.480	3000 / 207	12000 / 827	1.500 / 38	440 / 134
M3K-05-XTF ¥	4657-2300	5/16	0.600	3000 / 207	12000 / 827	1.800 / 46	385 / 117
M3K-06-XTF ¥	4657-1098	3/8	0.630	3000 / 207	12000 / 827	2.000 / 51	330 / 101
M3K-08-XTF ¥	4657-2248	1/2	0.800	3000 / 207	12000 / 827	2.800 / 71	220 / 67
M3K-10-XTF ¥	4657-2349	5/8	0.990	3000 / 207	12000 / 827	3.000 / 76	220 / 67
M3K-12-XTF ¥	4657-2250	3/4	1.150	3000 / 207	12000 / 827	3.800 / 97	220 / 67
M3K-16-XTF ¥	4657-2307	1	1.480	3000 / 207	12000 / 827	4.500 / 114	165 / 50

MEGATUFF® COVER SPECIFICATIONS

Megatuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945

M3K-04-MTF ¥	4657-1181	1/4	0.480	3000 / 207	12000 / 827	1.500 / 38	440 / 134
M3K-06-MTF ¥	4657-1182	3/8	0.630	3000 / 207	12000 / 827	2.000 / 51	330 / 101
M3K-08-MTF ¥	4657-1183	1/2	0.800	3000 / 207	12000 / 827	2.800 / 71	220 / 67
M3K-10-MTF ¥	4657-1184	5/8	0.990	3000 / 207	12000 / 827	3.000 / 76	220 / 67
M3K-12-MTF ¥	4657-1185	3/4	1.150	3000 / 207	12000 / 827	3.800 / 97	220 / 67
M3K-16-MTF ¥	4657-1186	1	1.480	3000 / 207	12000 / 827	4.500 / 114	165 / 50

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¥ Pricing & availability on request. Minimum purchase quantity may apply.

High Pressure

Global G2H High-Temp 2 Wire Braid Hose SAE 100R2 Type AT

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: High Pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100R2AT and performance requirements of EN 853.

Tube: Black, oil-resistant synthetic rubber (Nitrile-Type C)

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil-resistant synthetic rubber (Hypalon).

Available with unique abrasion-resistant MegaTuff®

Temperature Range: -40°C to +135°C constant and +149°C intermittent (up to 10% of operating time)

Fittings: (see crimp manuals for specifics):

MegaCrimp® Fittings (-20).

GSP Fittings for -24 and -32



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Carton Length (ft / m)
G2H-20	4657-0930	1 1/4	1.860	1825 / 125	6500 / 448	16.500 / 419	120 / 36
G2H-24 ¥	4657-0931	1 1/2	2.110	1300 / 90	5200 / 358	20.000 / 508	120 / 36
G2H-32	4657-0932	2	2.620	1175 / 81	4700 / 324	25.000 / 635	120 / 36

MEGATUFF® COVER SPECIFICATIONS

Megatuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945

G2H-20-MTF ¥	4657-2573	1 1/4	1.870	1825 / 125	6500 / 448	16.500 / 419	100 / 30
G2H-24-MTF ¥	4657-2151	1 1/2	2.150	1300 / 90	5200 / 358	20.000 / 508	100 / 30
G2H-32-MTF ¥	4657-2152	2	2.650	1175 / 81	4700 / 324	25.000 / 635	100 / 30

High Pressure

Global G2XH 2 Wire Braid Extreme Heat Hose SAE 100R2 Type AT

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: High Pressure hydraulic applications where pressure or temperature requirements exceed SAE 100R2AT Type S and EN 853 2SN or where resistance to either petroleum-base or phosphate ester fluids is required.

Tube: Black, Specifically compounded for temperature and chemical resistance. (CPE - Type J)

Reinforcement: Two braids of high tensile steel wire.

Cover: Blue, oil and abrasion resistant thin synthetic rubber (CSM - Type M).

Temperature Range: Petroleum based fluids -40°C to +149°C. Phosphate ester fluids as recommended by the fluid manufacturer, but within a range of -40°C to +100°C. For water emulsions: Max +107°C pressure lines, Max +82°C return lines.

Fittings: (see crimp manuals for specifics):

MegaCrimp® Fittings

Caution: Special O-Rings are required for phosphate ester fluid applications. Many male swivel fittings have internal O-Rings that are not recommended for phosphate ester fluids.



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
G2XH-04	4657-2541	1/4	0.590	6000 / 413	24000 / 1654	4.000 / 102	550 / 167
G2XH-06	4657-2542	3/8	0.740	5000 / 345	20000 / 1378	5.000 / 127	400 / 121
G2XH-08	4657-2543	1/2	0.860	4250 / 293	17000 / 1172	7.000 / 178	330 / 100
G2XH-10	4657-2544	5/8	0.990	3625 / 241	14500 / 999	8.000 / 203	220 / 67
G2XH-12	4657-2545	3/4	1.150	3100 / 214	12400 / 854	9.500 / 241	220 / 67
G2XH-16	4657-2546	1	1.480	2400 / 165	10000 / 689	12.000 / 305	165 / 50
G2XH-20 ¥	4657-4005	1 1/4	1.860	2250 / 155	9000 / 620	16.500 / 419	120 / 36
G2XH-24 ¥	4657-4995	1 1/2	2.150	1800 / 124	7200 / 496	20.000 / 508	133 / 40
G2XH-32 ¥	4657-4996	2	2.650	1500 / 103	6000 / 413	25.000 / 635	133 / 40

¥ Pricing & availability on request. Minimum purchase quantity may apply.

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High Pressure

J2AT 2 Wire Braid Jack Hose

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: Hydraulic Jack applications. Meets material Handling Institute specification IJ 100 for hydraulic hose and assemblies used with jacking systems.

Tube: Black, oil resistant synthetic rubber (Nitrile-Type C)

Reinforcement: Two braids of high tensile steel wire.

Cover: Black, oil and abrasion resistant synthetic rubber (Modified Nitrile). Available with unique abrasion-resistant MegaTuff®

Temperature Range: -40°C to +49°C

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
J2AT-04	4657-1400	1/4	0.590	10000 / 689	20000 / 1378	4.000 / 102	350 / 107
J2AT-06	4657-1404	3/8	0.740	10000 / 689	20000 / 1378	5.000 / 127	330 / 101

MEGATUFF® COVER SPECIFICATIONS

MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945

J2AT-04-MTF ¥	4657-1188	1/4	0.590	10000 / 689	20000 / 1378	4.000 / 102	350 / 107
J2AT-06-MTF ¥	4657-1189	3/8	0.740	10000 / 689	20000 / 1378	5.000 / 127	330 / 101

Static (non-impulse) pressure rating for hydraulic jack applications only.

Medium Pressure

Global G1 1 Wire Braid Hose - SAE 100R1 Type AT

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: Medium pressure hydraulic lines. Meets or exceeds the requirements of SAE 100R1 Type AT and performance requirements of EN 853 1SN.

Tube: Black, oil-resistant synthetic rubber (Nitrile-Type C)

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oil and abrasion resistant synthetic rubber (Modified Nitrile).

Temperature Range: -40°C to +100°C

Fittings: (see crimp manuals for specifics):
PC Fittings for -03
MegaCrimp® Fittings (except -24 and -32).
GSP Fittings for -24 and -32



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
G1-03	4657-0599	3/16	0.470	3625 / 250	14500 / 999	3.000 / 76	440 / 134
G1-04	4657-0120	1/4	0.530	3275 / 226	13100 / 903	4.000 / 102	440 / 134
G1-05	4657-0116	5/16	0.600	3125 / 215	12500 / 861	4.500 / 114	550 / 168
G1-06	4657-0121	3/8	0.680	2600 / 179	10400 / 717	5.000 / 127	385 / 117
G1-08	4657-0122	1/2	0.800	2325 / 160	9300 / 641	7.000 / 178	330 / 101
G1-10	4657-0115	5/8	0.930	1900 / 131	7600 / 524	8.000 / 203	220 / 67
G1-12	4657-0123	3/4	1.090	1525 / 105	6100 / 420	9.000 / 228	220 / 67
G1-16	4657-0124	1	1.400	1300 / 89	5200 / 358	12.000 / 305	165 / 50
G1-20	4657-0646	1 1/4	1.710	925 / 64	3700 / 255	16.000 / 406	100 / 30
G1-24	4657-2489	1 1/2	1.960	725 / 50	2900 / 200	20.000 / 508	100 / 30
G1-32	4657-2490	2	2.510	600 / 41	2700 / 186	25.000 / 635	100 / 30

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Medium Pressure

Global G1H High-Temp 1 Wire Braid Hose

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: Medium pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100R1 Type AT.

Tube: Black, oil resistant synthetic rubber (Nitrile-Type C)

Reinforcement: One braid of high tensile steel wire.

Cover: Black, oil and abrasion resistant synthetic rubber (Hypalon - Type M).

Temperature Range: -40°C to +135°C constant and +149°C intermittent (up to 10% of operating time).

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings (except -24 and -32).
GSP Fittings for -24 and -32



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
G1H-04	4657-2175	1/4	0.530	2750 / 189	11000 / 758	4.000 / 102	440 / 134
G1H-06	4657-2176	3/8	0.690	2250 / 155	9000 / 620	5.000 / 127	385 / 117
G1H-08	4657-2177	1/2	0.800	2000 / 138	8000 / 551	7.000 / 178	330 / 101
G1H-10	4657-2178	5/8	0.940	1500 / 103	6000 / 413	8.000 / 203	220 / 67
G1H-12	4657-2179	3/4	1.100	1250 / 86	5000 / 345	9.500 / 241	220 / 67
G1H-16	4657-2180	1	1.410	1000 / 69	4000 / 276	12.000 / 305	165 / 50
G1H-20	4657-0940	1 1/4	1.710	925 / 43	2500 / 172	16.000 / 406	120 / 36
G1H-24	4657-0934	1 1/2	1.960	725 / 50	2900 / 200	20.000 / 508	120 / 36
G1H-32 ¥	4657-0935	2	2.510	600 / 41	2400 / 165	25.000 / 635	120 / 36

Hypalon is a registered trademark of DuPont

Medium Pressure

RFS Red Fire Suppressant Hose

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: Low pressure power fire suppressant applications on mining and fire fighting equipment. The red cover is for easy visual identification in these applications.

Tube: Black, oil resistant synthetic rubber (Nitrile-Type C)

Reinforcement: One braid of high tensile steel wire.

Cover: Red, oil and abrasion resistant (Modief Nitrile - Type C).

Temperature Range: -40°C to +100°C.

Fittings: (see crimp manuals for specifics):
PC Fittings for -03
MegaCrimp® Fittings



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
RFS-03	4657-2145	3/16	0.450	3000 / 207	12000 / 827	3.000 / 76	440 / 134
RFS-04	4657-3314	1/4	0.530	2750 / 189	11000 / 758	4.000 / 102	440 / 134
RFS-06	4657-3313	3/8	0.680	2250 / 155	9000 / 620	5.000 / 127	300 / 91
RFS-08	4657-3315	1/2	0.800	2000 / 138	8000 / 551	7.000 / 178	300 / 91
RFS-12	4657-3316	3/4	1.090	1250 / 86	5000 / 345	9.500 / 241	300 / 91
RFS-16	4657-2155	1	1.410	1000 / 69	4000 / 276	12.000 / 305	165 / 50

¥ Pricing & availability on request. Minimum purchase quantity may apply.

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Medium Pressure

G3H (C3H) High Temp 2 Fibre Braid Hose - SAE 100R3

Recommended For: Hydraulic oil lines, anti-freeze solutions or water. Meets or exceeds the requirements of SAE 100R3.

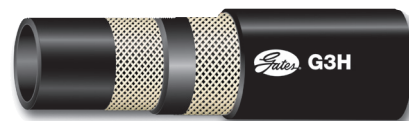
Tube: Black, synthetic rubber (Nitrile-Type C)

Reinforcement: Two fibre braids.

Cover: Black, oil and abrasion resistant synthetic rubber (Neoprene).

Temperature Range: For hydraulic lines -40°C to +135°C constant and +149°C intermittent (up to 10% of operating time).

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings (-04, -06, -08, -10)



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Vacuum (in.Hg / mm.Hg)	Approx. Bulk Carton Length (ft / m)
G3H-04	3319-0088	1/4	0.560	1250 / 86	5000 / 345	3.000 / 76	28 / 711	455 / 139
G3H-05	3319-4287	5/16	0.660	1200 / 83	4750 / 327	3.500 / 89	28 / 711	330 / 101
G3H-06	3319-0087	3/8	0.750	1125 / 78	4500 / 310	4.000 / 102	28 / 711	300 / 91
G3H-08	3319-0090	1/2	0.940	1000 / 69	4000 / 276	5.000 / 127	28 / 711	225 / 69
G3H-10	3319-4288	5/8	1.100	900 / 62	3500 / 241	5.500 / 140	28 / 711	200 / 61
G3H-12	3319-0091	3/4	1.250	750 / 52	3000 / 207	6.000 / 152	28 / 711	160 / 49
G3H-16	3319-0092	1	1.500	563 / 39	2250 / 155	8.000 / 203	20 / 508	100 / 30
G3H-20	3319-0071	1 1/4	1.710	375 / 29	1500 / 103	10.000 / 254	15 / 381	80 / 24

Medium Pressure

GTH (C6H) High Temp 1 Fibre Braid Hose - SAE 100R6

Recommended For: Hydraulic oil lines, heavy duty transmission oil cooler lines and glycol anti-freeze solutions. Meets or exceeds the requirements of SAE 100R6.

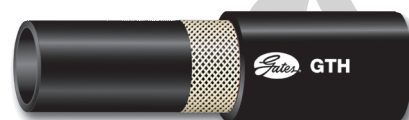
Tube: Black, specially compounded, synthetic rubber (Nitrile-Type C)

Reinforcement: One fibre braids.

Cover: Black, oil and abrasion resistant synthetic rubber (Neoprene).

Temperature Range: For hydraulic oil lines -40°C to +135°C constant and +149°C intermittent (up to 10% of operating time).

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings (Except -03)
PC Fittings for -03



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Vacuum (in.Hg / mm.Hg)	Approx. Bulk Carton Length (ft / m)
GTH-03	3319-3301	3/16	0.440	500 / 34	2000 / 138	2.000 / 51	28 / 711	715 / 218
GTH-04	3319-3305	1/4	0.500	400 / 28	1600 / 110	2.500 / 64	28 / 711	550 / 168
GTH-05	3319-3310	5/16	0.560	400 / 28	1600 / 110	3.000 / 76	28 / 711	500 / 152
GTH-06	3319-3315	3/8	0.630	400 / 28	1600 / 110	3.000 / 76	28 / 711	550 / 168
GTH-08	3319-3320	1/2	0.780	400 / 28	1600 / 110	4.000 / 102	18 / 457	280 / 85
GTH-10	3319-3325	5/8	0.910	350 / 24	1400 / 96	5.000 / 127	15 / 381	250 / 76
GTH-12	3319-3335	3/4	1.060	300 / 21	1200 / 83	5.500 / 140	15 / 381	250 / 76

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¥ Pricing & availability on request. Minimum purchase quantity may apply.

Low Pressure

GMV - Global MegaVac® Return Line and Suction Hose

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: Petroleum and water-base hydraulic fluids in suction lines or on low pressure return lines. Meets or exceeds requirements of SAE 100R4. Uses half the bend radius of SAE 100R4.

Tube: Black, synthetic rubber is specially designed for resistance to high temperatures (Nitrile-Type C).

Reinforcement: Double spiral textile (braid for -12, -16 and -20 reinforced with a helical spiral-wire to prevent collapse.

Cover: Black synthetic rubber is oil and abrasion resistant. (Neoprene - Type A). Green spiral layline.

Temperature Range: -40°C to +135°C constant and +149°C intermittent (up to 10% of operating time).

Fittings: (see crimp manuals for specifics):
MegaCrimp® Couplings or Clamps.
For -24 to -32 use GSP Couplings.
For -40 to -64 use GL Couplings



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Vacuum (in.Hg / mm.Hg)	Approx. Bulk Carton Length (ft / m)
GMV-12	4504-0123	3/4	1.220	350 / 24	1400 / 96	2.500 / 64	25 / 635	100 / 30
GMV-16	4504-0003	1	1.450	300 / 21	1200 / 83	3.000 / 76	25 / 635	100 / 30
GMV-20	4504-0004	1 1/4	1.760	250 / 17	1000 / 69	4.000 / 102	25 / 635	100 / 30
GMV-24	3105-0004	1 1/2	1.950	160 / 11	650 / 45	5.000 / 127	25 / 635	100 / 30
GMV-32	3105-0006	2	2.470	115 / 8	450 / 31	6.000 / 152	25 / 635	100 / 30
GMV-36	3105-0008	2 1/4	2.760	90 / 6	350 / 24	7.000 / 178	25 / 635	100 / 30
GMV-40	3105-0010	2 1/2	3.020	70 / 5	275 / 19	7.000 / 178	25 / 635	100 / 30
GMV-48	3105-0014	3	3.510	60 / 4	250 / 17	9.000 / 229	25 / 635	100 / 30
GMV-56	3105-0015	3 1/2	4.010	55 / 4	225 / 16	10.000 / 254	25 / 635	100 / 30
GMV-64	3105-0018	4	4.510	55 / 4	225 / 16	12.000 / 305	25 / 635	100 / 30

Low Pressure

100R4 Suction Hose

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: Petroleum and water-base hydraulic fluids in suction lines or on low pressure return lines. Meets or exceeds requirements of SAE 100R4.

Tube: Black, synthetic rubber is specially designed for resistance to high temperatures (Nitrile-Type C).

Reinforcement: Double spiral textile reinforced with a helical spiral wire to prevent collapse.

Cover: Black synthetic rubber is oil and abrasion resistant. (Neoprene).

Temperature Range: For hydraulic oil lines -30°C to +100°C.

Fittings: (see crimp manuals for specifics):
Use clamp over beaded nipple



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (mm)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Vacuum (in.Hg / mm.Hg)	Approx. Bulk Carton Length (ft / m)
R4-12	4504-91225	3/4	29.0	290 / 20	1200 / 84	4.490 / 114	30 / 760	133 / 40
R4-16	4504-91245	1	36.0	250 / 17	980 / 68	5.900 / 150	30 / 760	133 / 40
R4-20	4504-91255	1 1/4	44.0	200 / 14	800 / 55	7.600 / 192	30 / 760	133 / 40
R4-24	4504-91265	1 1/2	50.0	150 / 10	580 / 40	9.000 / 228	30 / 760	133 / 40
R4-32	4504-91275	2	63.0	100 / 7	505 / 35	12.000 / 305	30 / 760	133 / 40
R4-40	4504-91295	2 1/2	76.0	72 / 5	420 / 29	14.370 / 365	27 / 685	133 / 40
R4-48	4504-91305	3	90.0	58 / 4	350 / 24	18.000 / 456	27 / 685	133 / 40
R4-56	4504-91315	3 1/2	104.0	58 / 4	300 / 21	20.900 / 531	27 / 685	133 / 40
R4-64	4504-91325	4	118.0	43 / 3	260 / 18	23.750 / 603	27 / 685	133 / 40

¥ Pricing & availability on request. Minimum purchase quantity may apply.

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Low Pressure

RLA 1 Fibre Braid Return Line and Low Pressure Hose

Recommended For: Low pressure hydraulic oil return lines or general purpose water, glycol anti-freeze solutions, conveying diesel fuel, petrol or air. Meets 30R2 performance requirements of both Type 1 and Type 2.

Tube: Black, oil resistant synthetic rubber (Nitrile - Type C)

Reinforcement: One fibre braid.

Cover: Black, oil and abrasion resistant synthetic rubber (Modified Nitrile).

Temperature Range: -40°C to +100°C. Air to +71°C only

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings (except -3).
PC Fittings (-3 only)



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Vacuum (in.Hg / mm.Hg)	Approx. Bulk Reel Length (ft / m)
RLA-03 ¥	3284-0110	3/16	0.410	250 / 17	1000 / 69	3.000 / 76	28 / 711	550 / 168
RLA-04	3284-0120	1/4	0.500	250 / 17	1000 / 69	3.000 / 76	28 / 711	550 / 168
RLA-05	3284-0130	5/16	0.560	250 / 17	1000 / 69	4.000 / 102	28 / 711	550 / 168
RLA-06	3284-0140	3/8	0.660	250 / 17	1000 / 69	4.000 / 102	28 / 711	550 / 168
RLA-08	3284-0150	1/2	0.810	200 / 14	800 / 55	5.000 / 127	20 / 508	550 / 168
RLA-10	3284-0160	5/8	0.940	200 / 14	800 / 55	6.000 / 152	15 / 381	550 / 168
RLA-12	3284-0170	3/4	1.090	200 / 14	800 / 55	6.000 / 152	10 / 254	550 / 168
RLA-16	3284-0180	1	1.340	150 / 11	640 / 44	8.000 / 203	10 / 254	300 / 91

Low Pressure

RLC 3 Fibre Braid Return Line and Low Pressure Hose

Recommended For: Petroleum-base hydraulic oils, glycol-anti-freeze, air or water in low pressure fluid transfer or hydraulic system return lines. Generally connected to 100R4 stems, beaded nipples, or tube type ports with worm gear clamps

Tube: Black, oil resistant synthetic rubber (Nitrile - Type C)

Reinforcement: Three fibre braid.

Cover: Black, oil and abrasion resistant synthetic rubber (Modified Nitrile - Type C).

Temperature Range: -40°C to +135°C constant and +149°C intermittent (up to 10% of operating time). Air to +71°C only

Fittings: Use barded stem or beaded-tube with clamps only.



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Vacuum (in.Hg / mm.Hg)	Approx. Bulk Carton Length (ft / m)
RLC-16 ¥	3319-0261	1	1.620	213 / 15	850 / 59	9.000 / 229	25 / 635	50 / 15
RLC-20 ¥	3319-0263	1-1/4	1.880	213 / 15	850 / 59	10.000 / 254	25 / 635	50 / 15
RLC-24 ¥	3319-0264	1-1/2	2.120	213 / 15	850 / 59	11.000 / 279	25 / 635	100 / 30
RLC-28 ¥	3319-0265	1-3/4	2.380	213 / 15	850 / 59	12.000 / 305	25 / 635	50 / 15
RLC-32 ¥	3319-0266	2	2.560	213 / 15	850 / 59	13.000 / 330	25 / 635	50 / 15
RLC-36 ¥	3319-0267	2-1/4	2.870	150 / 10	600 / 41	14.000 / 356	25 / 635	50 / 15
RLC-40 ¥	3319-0268	2-1/2	3.120	150 / 10	600 / 41	16.000 / 406	25 / 635	50 / 15
RLC-48 ¥	3319-0270	3	3.620	150 / 10	600 / 41	20.000 / 508	25 / 635	50 / 15
RLC-56 ¥	3319-0272	3-1/2	4.120	150 / 10	600 / 41	24.000 / 610	25 / 635	50 / 15
RLC-72 ¥	3319-0273	4-1/2	5.190	100 / 7	400 / 28	54.000 / 1372	25 / 635	35 / 11

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**Low
Pressure**

LOC 1 Fibre Braid Lock-On Hose

Recommended For: Petroleum-base hydraulic oils, glycol anti-freeze compounds, water, hot lubricating oils and air. Lock-On hose and fittings are not recommended for vibration or pressure surge applications, such as permanent piping in residential or commercial buildings.

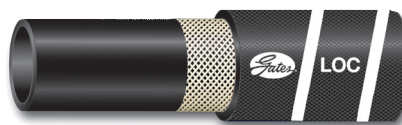
Tube: Black, oil resistant synthetic rubber (Nitrile - Type C)

Reinforcement: One fibre braid.

Cover: Oil and mildew resistant textile braid, impregnated with synthetic rubber.

Temperature Range: -40°C to +100°C. For air to -40°C +71°C.

Fittings: Push On Field Attachable.
Clamp over beaded nipple:



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
LOC-04 ¥	4319-0025	1/4	0.520	300 / 21	1200 / 83	3.000 / 76	575 / 175
LOC-06 ¥	4319-0037	3/8	0.640	300 / 21	1200 / 83	3.000 / 76	600 / 183
LOC-08 ¥	4319-0050	1/2	0.800	300 / 21	1200 / 83	5.000 / 127	335 / 102
LOC-10 ¥	4319-0062	5/8	0.900	300 / 21	1200 / 83	6.000 / 152	260 / 79
LOC-12 ¥	4319-0075	3/4	1.000	300 / 21	1200 / 83	7.000 / 178	220 / 67

¥ Pricing & availability on request. Minimum purchase quantity may apply.

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Low Pressure

(Meets Flame Resistance Acceptance Designation "US. MSHA 2G")

Recommended For: Petroleum based hydraulic oils, water, glycol antifreeze solutions, hot lubricating oils and air. Lock-On hose and fittings are **NOT** recommended for pressure surge applications or critical applications, such as permanent piping in residential or commercial buildings. Not recommended for gasoline or diesel fuels.

Tube: Black, oil-resistant synthetic rubber highly resistant to oil and heat (Nitrile-Type C)

Reinforcement: One fibre braid.

Cover: Black, oil and abrasion resistant thin synthetic rubber (Modified Nitrile). Available in black-Neoprene (LOLA) blue (LOLB), green (LOLG), red (LOLR), yellow (LOLY), and grey (LOLC) colours.

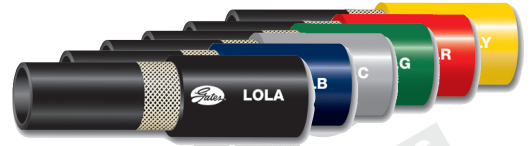
Temperature Range: -40°C to +100°C. For air: +71°C only.

LOL Plus Lock-On Hose

Fittings: Push On Field Attachable.
Clamp over beaded nipple:

LOL Plus Lock-On Hose is packaged in UPS shippable reels.

Black is standard colour - others available on request.



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Vacuum (in.Hg. / mm.Hg)	Approx. Bulk Reel Length (ft / m)
LOLA-03	3284-2500	3/16	0.410	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLB-03	3284-2510	3/16	0.410	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLG-03	3284-2530	3/16	0.410	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLR-03	3284-2540	3/16	0.410	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLY-03	3284-2560	3/16	0.410	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLC-03	3284-2520	3/16	0.410	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLA-04	3284-2501	1/4	0.470	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLB-04	3284-2511	1/4	0.470	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLG-04	3284-2531	1/4	0.470	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLR-04	3284-2541	1/4	0.470	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLY-04	3284-2561	1/4	0.470	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLC-04	3284-2521	1/4	0.470	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLA-05	3284-2502	5/16	0.550	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLA-06	3284-2503	3/8	0.630	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLB-06	3284-2513	3/8	0.630	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLG-06	3284-2533	3/8	0.630	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLR-06	3284-2543	3/8	0.630	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLY-06	3284-2563	3/8	0.630	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLC-06	3284-2523	3/8	0.630	300 / 21	1200 / 83	3.000 / 76	28 / 711	300 / 91
LOLA-08	3284-2504	1/2	0.770	300 / 21	1200 / 83	5.000 / 127	28 / 711	300 / 91
LOLB-08	3284-2515	1/2	0.770	300 / 21	1200 / 83	5.000 / 127	28 / 711	300 / 91
LOLG-08	3284-2535	1/2	0.770	300 / 21	1200 / 83	5.000 / 127	28 / 711	300 / 91
LOLR-08	3284-2545	1/2	0.770	300 / 21	1200 / 83	5.000 / 127	28 / 711	300 / 91
LOLY-08	3284-2565	1/2	0.770	300 / 21	1200 / 83	5.000 / 127	28 / 711	300 / 91
LOLC-08	3284-2525	1/2	0.770	300 / 21	1200 / 83	5.000 / 127	28 / 711	300 / 91
LOLA-10	3284-2505	5/8	0.940	300 / 21	1200 / 83	6.000 / 152	28 / 711	250 / 76
LOLB-10	3284-2517	5/8	0.940	300 / 21	1200 / 83	6.000 / 152	28 / 711	250 / 76
LOLG-10	3284-2537	5/8	0.940	300 / 21	1200 / 83	6.000 / 152	28 / 711	250 / 76
LOLR-10	3284-2547	5/8	0.940	300 / 21	1200 / 83	6.000 / 152	28 / 711	250 / 76
LOLY-10	3284-2567	5/8	0.940	300 / 21	1200 / 83	6.000 / 152	28 / 711	250 / 76
LOLC-10	3284-2527	5/8	0.940	300 / 21	1200 / 83	6.000 / 152	28 / 711	250 / 76
LOLA-12	3284-2506	3/4	1.060	300 / 21	1200 / 83	7.000 / 178	15 / 381	250 / 76
LOLB-12	3284-2519	3/4	1.060	300 / 21	1200 / 83	7.000 / 178	15 / 381	225 / 69
LOLG-12	3284-2536	3/4	1.060	300 / 21	1200 / 83	7.000 / 178	15 / 381	225 / 69
LOLR-12	3284-2549	3/4	1.060	300 / 21	1200 / 83	7.000 / 178	15 / 381	225 / 69
LOLY-12	3284-2569	3/4	1.060	300 / 21	1200 / 83	7.000 / 178	15 / 381	225 / 69
LOLC-12	3284-2529	3/4	1.060	300 / 21	1200 / 83	7.000 / 178	15 / 381	225 / 69

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PowerClean™ Hose

Recommended For: Use on hot or cold water, high pressure cleaning equipment.

Tube: Water resistant synthetic rubber.

Reinforcement: High-tensile on or two wire braid.

Cover: Oil resistant blue synthetic rubber.

Temperature Range: -40°C to +121°C

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Max. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
2500 PSI							
PC2500-08-BLACK ¥	4657-2408	1/2	0.800	2500 / 172	-	7.000 / 178	300 / 91
PC2500-08-BLUE ¥	4657-2408	1/2	0.800	2500 / 172	-	7.000 / 178	300 / 91
3000 PSI							
PC3000-06-BLACK ¥	4657-2402	3/8	0.680	3000 / 207	-	5.000 / 127	300 / 91
PC3000-06-BLUE ¥	4657-2404	3/8	0.680	3000 / 207	-	5.000 / 127	300 / 91
PC3000-06-YELLOW ¥	4657-2417	3/8	0.680	3000 / 207	-	5.000 / 127	300 / 91
3500 PSI							
PC3500-04-BLACK ¥	4657-2400	1/4	0.530	3500 / 241	-	4.000 / 102	300 / 91
4000 PSI							
PC4000-06-BLACK ¥	4657-2225	3/8	0.680	4000 / 276	-	5.000 / 127	300 / 91
PC4000-06-BLUE ¥	4657-2422	3/8	0.680	4000 / 276	-	5.000 / 127	300 / 91
PC4000-08-BLUE ¥	4657-2426	1/2	0.860	4000 / 276	-	7.000 / 178	300 / 91
5000 PSI							
PC5000-06-BLACK ¥	4657-2407	3/8	0.740	5000 / 345	-	5.000 / 127	300 / 91
PC5000-06-BLUE ¥	4657-2429	3/8	0.740	5000 / 345	-	5.000 / 127	300 / 91
6000 PSI							
PC6000-08-BLACK ¥	4657-2410	1/4	0.590	6000 / 413	-	4.000 / 102	300 / 91

Note: Not recommended for Steam Hose

Pressure Wash Hose

Recommended For: Use on hot or cold water, high pressure cleaning equipment.

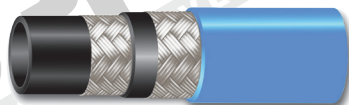
Tube: Water resistant synthetic rubber.

Reinforcement: High-tensile on or two wire braid.

Cover: Oil resistant blue synthetic rubber.

Temperature Range: -40°C to +121°C

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Max. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
1 Wire							
PW/1-04-B	-	1/4	0.520	4060 / 280	16240 / 1120	3.940 / 100	-
PW/1-05-B¥	-	5/16	0.580	3625 / 250	14500 / 1000	4.490 / 114	-
PW/1-06-B	-	3/8	0.670	3045 / 210	12180 / 840	5.000 / 127	-
PW/1-08-B	-	1/2	0.790	2465 / 170	9860 / 680	7.000 / 178	-
2 Wire							
PW/2-04-B	-	1/4	0.580	5800 / 400	23200 / 1600	3.940 / 100	-
PW/2-05-B¥	-	5/16	0.640	5075 / 350	20300 / 1400	4.490 / 114	-
PW/2-06-B	-	3/8	0.660	4785 / 330	19140 / 1320	5.000 / 127	-
PW/2-08-B	-	1/2	0.800	3988 / 275	15950 / 1100	7.000 / 178	-

¥ Pricing & availability on request. Minimum purchase quantity may apply.

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Fleet Application

Recommended For: Air brake, pressurized hot oil return lines and rotary oil/air compressor lines, engine and transmission coolant lines and hot lube oil lines. Meets or exceeds DOT FMVSS 106-74, SAE J1402. Not recommended for gasoline or diesel fuel applications.

Tube: True-bore black (Nitrile - Type C).

Reinforcement: One braid of high tensile carbon steel wire.

Cover: Oil and mildew resistant textile braid, impregnated with synthetic rubber.

Temperature Range: -40°C to +149°C. Air to +71°C.

TR500 Air Brake/Engine Hose

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Vacuum (in.Hg. / mm.Hg)	Approx. Bulk Reel Length (ft / m)
TR500-04 ¥	4657-2228	1/4	0.510	500 / 34	2000 / 137	1.000 / 25	30 / 762	250 / 76
TR500-06 ¥	4657-2520	3/8	0.660	500 / 34	2000 / 137	1.800 / 45	30 / 762	475 / 144
TR500-08 ¥	4657-2521	1/2	0.800	500 / 34	2000 / 137	2.300 / 58	30 / 762	400 / 122
TR500-10 ¥	4657-2229	5/8	0.930	500 / 34	2000 / 137	2.800 / 71	30 / 762	300 / 91
TR500-12 ¥	4657-2230	3/4	1.040	500 / 34	2000 / 137	3.500 / 88	30 / 762	200 / 61
TR500-16 ¥	4657-2231	1	1.300	500 / 34	2000 / 137	4.500 / 114	30 / 762	150 / 46

Fleet Application

MegaTech™ 1000 (ACR) High-Temp Oil/Air Return and Air Brake Hose

Recommended For: Air brake, pressurized hot oil return lines and rotary oil/air compressor lines. Meets the requirements of DOT FMVSS 106-74, SAE J1402, SAE J1019 performance specifications for high temperature transmission and lubricating oil systems using petroleum based oils. Not recommended for gasoline or diesel fuel applications.

Tube: True-bore GTS black tube, specifically compounded for temperature and chemical resistance (CPE - Type J).

Reinforcement: One braid of high tensile carbon steel wire.

Cover: Oil and mildew resistant textile braid, impregnated with synthetic rubber.

Temperature Range: Petroleum-base fluids -40°C to +149°C.

Phosphate ester fluids as recommended by the fluid manufacturer, but within a range of -40°C to +100°C.

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Vacuum (in.Hg. / mm.Hg)	Approx. Bulk Reel Length (ft / m)
MT1000-04	4657-2332	1/4	0.520	1000 / 68	4000 / 275	2.000 / 50	30 / 762	350 / 107
MT1000-06	4657-2333	3/8	0.660	1000 / 68	4000 / 275	2.500 / 64	30 / 762	350 / 107
MT1000-08	4657-2334	1/2	0.800	1000 / 68	4000 / 275	3.500 / 88	30 / 762	350 / 107
MT1000-10	4657-2335	5/8	0.930	1000 / 68	4000 / 275	4.000 / 102	30 / 762	300 / 91
MT1000-12	4657-2336	3/4	1.150	1000 / 68	4000 / 275	4.800 / 121	30 / 762	200 / 61
MT1000-16	4657-2337	1	1.370	1000 / 68	4000 / 275	6.000 / 152	30 / 762	150 / 46
MT1000-20	4657-2338	1 1/4	1.640	1000 / 68	4000 / 275	8.500 / 215	30 / 762	100 / 30

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¥ Pricing & availability on request. Minimum purchase quantity may apply.

Fleet Application **MegaTech™ 500 (ACR) High-Temp Oil/Air Return and Air Brake Hose**

Recommended For: Air brake, pressurized hot oil return lines and rotary oil/air compressor lines. Meets or exceeds DOT FMVSS 106-74, SAE J1402, SAE J1019 performance specifications for high temperature transmission and lubricating oil systems using petroleum base oils. Not recommended for gasoline or diesel fuel applications.

Tube: True-bore GTS black tube, specifically compounded for temperature and chemical resistance (CPE - Type J).

Reinforcement: One braid of high tensile carbon steel wire.

Cover: Oil and mildew resistant textile braid, impregnated with synthetic rubber.

Temperature Range: Petroleum-base fluids -40°C to +149°C. Phosphate ester fluids as recommended by the fluid manufacturer, but within a range of -40°C to +100°C

Fittings: (see crimp manuals for specifics):
GSP Fittings -24 and -32
GL Fittings -40 and -48



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Vacuum (in.Hg. / mm.Hg)	Approx. Bulk Carton Length (ft / m)
MT500-24 ¥	4657-0204	1-1/2	1.950	500 / 34	2000 / 137	15.000 / 381	30 / 762	100 / 30
MT500-32 ¥	4657-0205	2	2.480	500 / 34	2000 / 137	18.000 / 457	30 / 762	100 / 30
MT500-40	4657-0206	2-1/2	2.970	500 / 34	2000 / 137	22.000 / 558	30 / 762	100 / 30
MT500-48	4657-0207	3	3.500	500 / 34	2000 / 137	24.000 / 609	30 / 762	100 / 30

Fleet Application **MegaTech™ 250 High-Temp Transmission Oil Cooler (TOC) Hose**

Recommended For: For high temperature (149°C) transmission oil cooler lines, pressurised hot oil return lines, and turbo charger oil supplies. Meets or exceeds SAE J1019 performance specifications for high temperature transmission and lubricating oil systems using petroleum based oils. Not recommended for gasoline or diesel fuel applications.

Tube: True-bore GTS black tube, specifically compounded for temperature and chemical resistance (CPE - Type J).

Reinforcement: One braid of high tensile steel wire.

Cover: Oil and mildew resistant textile braid, impregnated with synthetic rubber.

Temperature Range: Petroleum-base fluids -40°C to +149°C. Phosphate ester fluids as recommended by the fluid manufacturer, but within a range of -40°C to +100°C.

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Vacuum (in.Hg. / mm.Hg)	Approx. Bulk Reel Length (ft / m)
MT250-04 ¥	4657-2339	1/4	0.520	250 / 17	1000 / 68	1.000 / 25	30 / 762	350 / 107
MT250-06 ¥	4657-2340	3/8	0.640	250 / 17	1000 / 68	1.800 / 45	30 / 762	350 / 107
MT250-08 ¥	4657-2341	1/2	0.780	250 / 17	1000 / 68	2.500 / 63	30 / 762	350 / 107
MT250-10 ¥	4657-2342	5/8	0.930	250 / 17	1000 / 68	3.000 / 76	30 / 762	300 / 91
MT250-12 ¥	4657-2343	3/4	1.060	250 / 17	1000 / 68	3.500 / 88	30 / 762	200 / 61
MT250-16 ¥	4657-2344	1	1.360	250 / 17	1000 / 68	4.000 / 102	30 / 762	150 / 46
MT250-20 ¥	4657-2345	1 1/4	1.650	250 / 17	1000 / 68	4.500 / 114	30 / 762	100 / 30

¥ Pricing & availability on request. Minimum purchase quantity may apply.

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Fleet Application

C5CXH Xtreme® Heat Hose - SAE100R5

Recommended For: Extremely High temperature petroleum based or phosphate ester fluids, turbo charger oil supply and hot lube oil lines. Meets the requirements of SAE J1405 performance specifications for high temperature transmission and lubrication oil systems.

Tube: Black, oil and heat resistant synthetic polymer tube (CPE - Type J).

Reinforcement: Braided high tensile wire and textile.

Cover: Blue, oil and mildew resistant polyester/textile braid.

Temperature Range: -40°C to +150°C.

Fittings: (see crimp manuals for specifics):

R5 Fittings
MegaCrimp® Fittings
Depending on size
GS Fittings
Depending on Size
Refer Crimp Data for Correct Selection



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
C5CXH-05	3658-0151	1/4	0.580	3000 / 207	12000 / 827	3.400 / 86	385 / 117
C5CXH-06	3658-0152	5/16	0.670	2250 / 155	9000 / 620	4.000 / 106	385 / 117
C5CXH-08	3658-0153	13/32	0.770	2000 / 138	8000 / 551	4.600 / 117	330 / 100
C5CXH-10	3658-0154	1/2	0.920	1750 / 120	7000 / 482	5.500 / 140	275 / 84
C5CXH-12	3658-0155	5/8	1.080	1500 / 103	6000 / 413	6.500 / 165	220 / 66
C5CXH-16	3658-0156	7/8	1.230	800 / 55	3200 / 220	7.400 / 188	165 / 50
C5CXH-20	3658-0157	1 1/8	1.500	625 / 43	2500 / 172	9.000 / 228	120 / 36

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Fleet Application

C5C Hydraulic Hose SAE 100R5

Recommended For: Medium pressure hydraulic petroleum based oil lines in impulse applications, lube oil, air and water in applications such as air brakes, power steering (CAUTION: Intended for heavy-duty commercial vehicle use only), turbo charger oil supplies, tilt cab cylinders, transmission coolant and filtration lines. Meets or exceeds requirements of SAE 100R5 for traditional hydraulic applications. DOT FMVSS 106-74 Type All and SAE J1402 Type All for air brake applications (-4 to -12). Not recommended for gasoline or diesel fuel.

Tube: -4 and -5: black, oil and heat resistant synthetic rubber (Neoprene -m Type A); -6 through to -40. (Nitrile-Type C)

Reinforcement: One braid of high tensile carbon steel wire over one braid of polyester.

Cover: Black, oil and mildew resistant polyester braid.

Temperature Range: Under SAE 100R5 (hydraulic) conditions -40°C to +100°C. All purpose fleet application (hot lube oil lines) -40°C to +149°C. Air to +71°C only. For water emulsions, etc. Avoid continuous use at maximum temperature concurrent with maximum working pressures.

Fittings: R5 Field Attachable Fittings



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
C5C-04	3658-1775	3/16	0.520	3000 / 207	12000 / 827	3.000 / 76	440 / 134
C5C-05	3658-1776	1/4	0.580	3000 / 207	12000 / 827	3.400 / 86	385 / 117
C5C-06	3658-1777	5/16	0.670	2250 / 155	9000 / 620	4.000 / 101	385 / 117
C5C-08	3658-1778	13/32	0.770	2000 / 138	8000 / 551	4.600 / 116	330 / 101
C5C-10	3658-1779	1/2	0.920	1750 / 121	7000 / 482	5.500 / 139	275 / 84
C5C-12	3658-1780	5/8	1.080	1500 / 103	6000 / 413	6.500 / 165	220 / 67
C5C-16	3658-1781	7/8	1.230	800 / 55	3200 / 220	7.400 / 187	165 / 50
C5C-20	3658-1758	1 1/8	1.500	625 / 43	2500 / 172	9.000 / 229	100 / 30
C5C-24	3658-1759	1 3/8	1.750	500 / 34	2000 / 138	10.500 / 267	100 / 30
C5C-32	3658-1760	1 13/16	2.220	350 / 24	1400 / 96	13.300 / 338	100 / 30
C5C-40	3625-1761	2 3/8	2.880	350 / 24	1400 / 96	24.000 / 610	100 / 30

Fleet Application

C5D High Temp Multifluid Hose

Recommended For: Petroleumbase or phosphate ester fluids; diesel fuels and filtration lines, transmission coolant lines, hot lube oil lines, power steering (CAUTION: Intended for heavy-duty commercial vehicle use only), gasoline and turbocharger oil supplies. Tilt cab cylinder and air brakes. C5D (-4 to -12) meets or exceeds DOT FMVSS 106-74 Type All, SAE J1402 Type All and SAE J1019 and fuel resistance of SAE J30R2.

Tube: Black, oil and heat resistant synthetic rubber (CPE - Type J).

Reinforcement: One braid of high tensile steel wire over one braid of polyester.

Cover: Green for easy identification, oil and mildew resistant polyester braid impregnated with synthetic rubber.

Temperature Range: -40°C to +149°C. Air to +121°C only, maximum phosphate esters to +100°C.

Fittings: R5 Field Attachable Fittings



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Reel Length (ft / m)
C5D-04	3658-0020	3/16	0.520	1500 / 103	6000 / 413	1.000 / 25	440 / 134
C5D-05	3658-0027	1/4	0.580	1500 / 103	6000 / 413	1.500 / 38	385 / 117
C5D-06	3658-0021	5/16	0.670	1500 / 103	6000 / 413	1.750 / 44	385 / 117
C5D-08	3658-0022	13/32	0.770	1250 / 86	5000 / 345	2.000 / 51	330 / 101
C5D-10	3658-0028	1/2	0.920	1250 / 86	5000 / 345	2.000 / 51	275 / 84
C5D-12	3658-0029	5/8	1.080	750 / 52	3000 / 207	2.250 / 57	220 / 67
C5D-16	3658-0030	7/8	1.230	400 / 28	1600 / 110	3.500 / 89	165 / 50

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Fleet Application

Recommended For: On-shore/off-shore and marine diesel fuel and gasoline applications and hot lines up to 100°C. Meets marine fuel line specifications SAE J1527 Type A Class I and SAE J1942 requirements.

Tube: Nitrile-Type C

Reinforcement: One wire braid.

Cover: Modified Nitrile. Blue.

Temperature Range: -20°C to +100°C.

C5M Marine Fuel Line Hose

Fittings: Brass or carbon steel R5 Field Attachable Fittings. Power Crimp® PC stainless Permanent Fittings for marine applications. Permanent Power Crimp® PC Fittings.



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Carton Length (ft / m)
C5M-05 ¥	3658-1965	1/4	0.580	500 / 34	2000 / 138	1.000 / 25	385 / 117
C5M-06 ¥	3658-1969	5/16	0.670	500 / 34	2000 / 138	1.250 / 32	385 / 117
C5M-08 ¥	3658-1973	13/32	0.770	500 / 34	2000 / 138	1.750 / 44	330 / 101
C5M-10 ¥	3658-1977	1/2	0.920	500 / 34	2000 / 138	2.250 / 57	275 / 84
C5M-12 ¥	3658-1981	5/8	1.080	500 / 34	2000 / 138	2.750 / 70	220 / 67
C5M-16 ¥	3658-1985	7/8	1.230	500 / 34	2000 / 138	3.500 / 89	165 / 50

Fleet Application

Recommended For: Air brake hose, power steering (CAUTION: Intended for heavy-duty commercial vehicle use only), fuel filter, engine and transmission coolant lines, and hot (+149°C) lube oil lines. Not recommended for gasoline or diesel fuels.

Tube: Black, oil and heat resistant, synthetic rubber (Nitrile-Type C)

Reinforcement: One braid of high tensile steel wire over one braid of polyester.

Cover: Black, oil and heat resistant, textile braid impregnated with synthetic rubber. Green stripe for easy identification.

Temperature Range: -40°C to +149°C. Air to +121°C maximum only.

C5E High Temp Flexline Hose

DOT FMVSS 106 Type AI, SAE J1019 and SAE J1402 Type AI (-4 to -12)

Fittings: C5E Field Attachable Fittings.



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Carton Length (ft / m)
C5E-04 ¥	3658-0200	3/16	0.490	1500 / 103	6000 / 413	0.800 / 20	400 / 122
C5E-05 ¥	3658-0201	1/4	0.550	1500 / 103	6000 / 413	1.000 / 25	350 / 106
C5E-06 ¥	3658-0202	5/16	0.610	1500 / 103	6000 / 413	1.300 / 33	225 / 68
C5E-08 ¥	3658-0203	13/32	0.730	1250 / 86	5000 / 345	1.800 / 46	475 / 144
C5E-10 ¥	3658-0204	1/2	0.830	1250 / 86	5000 / 345	2.300 / 58	330 / 100
C5E-12 ¥	3658-0205	5/8	0.950	750 / 52	3000 / 207	2.800 / 71	200 / 60
C5E-16 ¥	3658-0206	7/8	1.200	400 / 28	1600 / 110	3.500 / 89	275 / 84
C5E-20 ¥	3658-0207	1-1/8	1.490	300 / 21	1250 / 86	4.500 / 114	100 / 30

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**Fleet
Application**

C14 Teflon Hose (SAE 100R14)

Recommended For: Air compressor discharge, hot oil and fluids, hot and greasy environments.

C14 Tube: Nonconductive white, smooth bore Polytetrafluoroethylene (PTFE).

Cover / Reinforcement: One braid of stainless steel wire.

Temperature Range: -70°C to +260°C.

Not recommended for high dynamic pressure loads.

Fittings: Use 2 Piece Fittings Only as specified on the Hardy Spicer teflon crimp chart.



SPECIFICATIONS

Hardy Spicer Part Number	DN (mm)	Hose I.D. (inch)	Hose I.D. (mm) Min. / Max.	Hose O.D. (mm) Min. / Max.	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)
TF/1-03	5	3/16	4.95 / 5.36	7.49 / 8.61	3830 / 264	11501 / 793	2.520 / 64
TF/1-04	6	1/4	6.45 / 6.96	8.83 / 9.86	3250 / 224	9746 / 672	3.000 / 76
TF/1-05	8	5/16	8.15 / 8.66	10.54 / 11.56	3000 / 207	9000 / 621	4.000 / 102
TF/1-06	10	3/8	9.93 / 10.64	12.78 / 14.10	2650 / 183	8000 / 552	5.236 / 133
TF/1-08	12	1/2	13.06 / 13.36	15.88 / 17.22	2335 / 161	7000 / 483	5.984 / 152
TF/1-10	16	5/8	16.01 / 17.12	18.95 / 20.57	1650 / 114	5000 / 345	7.008 / 178
TF/1-12	19	3/4	19.30 / 20.32	22.15 / 23.77	1500 / 103	4500 / 310	7.992 / 203
TF/1-16	25	1	25.80 / 26.62	28.45 / 30.07	1160 / 80	3500 / 241	12.008 / 305

If used above 120°C, consider the pressure reduction factor. (Max. Working Pressure - Operating Pressure x Factor).

Temp: 120°C, 140°C, 160°C, 180°C, 200°C, 220°C. Factor: 1.0, 0.8, 0.6, 0.4, 0.2, 0

Hydraulic Hose

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Thermoplastic

TH7 Hydraulic Hose

Recommended For: Petroleum water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. TH7 hoses meet or exceed performance requirements of SAE 100R7 with a significantly tighter bend radius.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol.

Reinforcement: Braided synthetic fibre on -2, -8, -12 and -16. Spiraled synthetic fibre on -3, -4, -5 and -6.

Cover: Black polyurethane that resists hydraulic fluids, high temperatures, ageing and weathering. Black TH7 is perforated for use in general hydraulic and pneumatic service.

Temperature Range: -54°C to +93°C. Continuous service for petroleum and synthetic oils. Maximum of +70°C for water/oil emulsions and water glycol.

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings
PCTS Fittings for -02 & -03



SPECIFICATIONS (Black Cover)

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Carton Length (ft / m)
TH7-02	4467-1154	1/8	0.320	3000 / 207	12000 / 827	0.500 / 13	250 / 76
TH7-03	4467-1155	3/16	0.410	3000 / 207	12000 / 827	0.800 / 20	250 / 76
TH7-04	4467-1157	1/4	0.500	2750 / 189	11000 / 758	1.300 / 33	250 / 76
TH7-05	4467-1159	5/16	0.560	2500 / 172	10000 / 689	1.800 / 46	250 / 76
TH7-06	4467-1161	3/8	0.640	2250 / 155	9000 / 620	2.000 / 51	250 / 76
TH7-08	4467-1207	1/2	0.800	2000 / 138	8000 / 551	3.000 / 76	250 / 76
TH7-12 ¥	4467-1165	3/4	1.050	1250 / 86	5000 / 345	5.000 / 127	200 / 60
TH7-16 ¥	4467-1196	1	1.320	1000 / 69	4000 / 376	10.000 / 254	200 / 60

Thermoplastic

TH7NC Non-Conductive Hydraulic Hose - SAE100R7

Recommended For: Petroleum water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. Orange colour TH7NC meets or exceeds performance requirements of SAE 100R7 with a significantly tighter bend radius.

Tube: -2, -12 and -16: 100% seamless nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol; -3 through to -8 polyester.

Reinforcement: Braided synthetic fibre (except -2: Spiraled synthetic fibre).

Cover: Orange urethane that resists hydraulic fluids, high temperatures, ageing and weathering. Orange TH7NC is non-perforated for applications requiring electrical non-conductivity. Meets SAE 100R7 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microamperes when subjected to 75 kV/Ft. for five minutes. (Orange is industry accepted colour for non-conductive hose).

Temperature Range: -54°C to +93°C. Continuous service for petroleum and synthetic oils. Maximum of +70°C for water/oil emulsions and water glycol.

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings
PCTS Fittings for -02 & -03



SPECIFICATIONS (Orange Cover - Non-Conductive)

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Carton Length (ft / m)
TH7NC-02 ¥	4467-1166	1/8	0.320	3000 / 207	10000 / 689	0.500 / 13	250 / 76
TH7NC-03 ¥	4467-1167	3/16	0.410	3000 / 207	12000 / 827	0.800 / 20	250 / 76
TH7NC-04	4467-1169	1/4	0.500	2750 / 189	11000 / 758	1.300 / 33	250 / 76
TH7NC-05 ¥	4467-1171	5/16	0.560	2500 / 172	10000 / 689	1.800 / 46	250 / 76
TH7NC-06	4467-1173	3/8	0.640	2250 / 155	9000 / 620	2.000 / 51	250 / 76
TH7NC-08	4467-1175	1/2	0.800	2000 / 138	8000 / 551	3.000 / 76	250 / 76
TH7NC-12 ¥	4467-1177	3/4	1.050	1250 / 86	5000 / 345	5.000 / 127	200 / 60
TH7NC-16 ¥	4467-1198	1	1.320	1000 / 69	4000 / 376	10.000 / 254	200 / 60

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Thermoplastic

TH7DL - Dual Line Hydraulic Hose - SAE 100R7

Recommended For: Petroleum water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. TH7DL hoses meet or exceed performance requirements of SAE 100R7 with a significantly tighter bend radius.

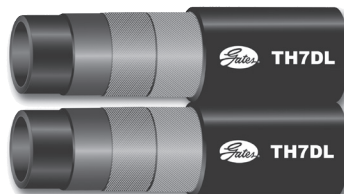
Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol.

Reinforcement: Spiraled synthetic fibre.

Cover: Black polyurethane that resists hydraulic fluids, high temperatures, ageing and weathering. Black GT7DL is perforated for use in general hydraulic and pneumatic service.

Temperature Range: -54°C to +93°C. Continuous service for petroleum and synthetic oils. Maximum of +70°C for water/oil emulsions and water glycol.

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings



SPECIFICATIONS (Black Cover)

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Carton Length (ft / m)
TH7DL-04	4472-0220	1/4	0.500	2750 / 189	11000 / 758	1.300 / 33	250 / 76
TH7DL-05 ¥	4472-0221	5/16	0.560	2500 / 172	10000 / 689	1.800 / 46	250 / 76
TH7DL-06	4472-0223	3/8	0.640	2250 / 155	9000 / 620	2.000 / 51	250 / 76
TH7DL-08 ¥	4472-0224	1/2	0.800	2000 / 138	8000 / 551	3.000 / 76	250 / 76

Thermoplastic

TH7NCDL Non-Conductive Dual Line Hydraulic Hose SAE100R7

Recommended For: Petroleum water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. Orange colour TH7NCDL meets SAE 100R7 non-conductivity requirements. TH7NCDL meets or exceed performance requirements of SAE 100R7 with a significantly tighter bend radius.

Tube: Polyester.

Reinforcement: Braided synthetic fibre.

Cover: Orange urethane that resists hydraulic fluids, high temperatures, ageing and weathering. Orange TH7NCDL is non-perforated for applications requiring electrical non-conductivity. Meets SAE 100R7 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microamperes when subjected to 75 kV/Ft. for five minutes. (Orange is industry accepted colour for non-conductive hose).

Temperature Range: -54°C to +93°C. Continuous service for petroleum and synthetic oils. Maximum of +70°C for water/oil emulsions and water glycol.

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings



SPECIFICATIONS (Orange Cover - Non-Conductive)

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Carton Length (ft / m)
TH7NCDL-04 ¥	4472-0225	1/4	0.500	2750 / 189	11000 / 758	1.300 / 33	250 / 76
TH7NCDL-06 ¥	4472-0227	3/8	0.640	2250 / 155	9000 / 620	2.000 / 51	250 / 76
TH7NCDL-08 ¥	4472-0229	1/2	0.800	2000 / 138	8000 / 551	3.000 / 76	250 / 76

¥ Pricing & availability on request. Minimum purchase quantity may apply.

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Thermoplastic

TH8 Hydraulic Hose - SAE 100R8

Recommended For: Use with petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction equipment. TH8NC hose (orange cover) meets SAE 100R8 non-conductivity requirements. TH8 and TH8NC hoses meet or exceed performance requirements of SAE 100R8 with a significantly tighter bend radius. Multiline available.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol.

Reinforcement: Two polyester braids.

Cover: Black or orange urethane resists hydraulic fluids, high temperatures, aging and weather. TH8NC (orange) is nonperforated for applications requiring electrical non-conductivity. TH8NC meets SAE 100R8 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microamperes when subjected to 75 kV/Ft. for five minutes. (Orange is industry accepted colour for non-conductive hose). Black cover is perforated for use in general hydraulic and pneumatic service.

Temperature Range: -54°C to +93°C. Continuous service for petroleum and synthetic oils. Maximum of +70°C for water/oil emulsions and water glycol.

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings (-4 through to -16)
PCTS Fittings for -03



SPECIFICATIONS (Black Cover)

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Carton Length (ft / m)
TH8-03 ¥	4467-1178	3/16	0.500	5000 / 345	20000 / 1378	1.500 / 38	250 / 76
TH8-04 ¥	4467-1179	1/4	0.610	5000 / 345	20000 / 1378	2.000 / 51	250 / 76
TH8-06 ¥	4467-1181	3/8	0.750	4000 / 276	16000 / 1102	2.500 / 64	250 / 76
TH8-08 ¥	4467-1183	1/2	0.870	3500 / 241	14000 / 962	4.000 / 102	250 / 76
TH8-12 ¥	4467-1184	3/4	1.130	2250 / 155	9000 / 620	6.500 / 165	200 / 60
TH8-16 ¥	4467-1185	1	1.450	2000 / 138	8000 / 551	10.000 / 254	200 / 60

Thermoplastic

TH8NC Hydraulic Hose - SAE 100R8

Recommended For: Use with petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction equipment. GT8NC hose (orange cover) meets SAE 100R8 non-conductivity requirements. TH8 and TH8NC hoses meet or exceed performance requirements of SAE 100R8 with a significantly tighter bend radius. Multiline available.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol.

Reinforcement: Two polyester braids.

Cover: Black or orange urethane resists hydraulic fluids, high temperatures, aging and weather. TH8NC (orange) is nonperforated for applications requiring electrical non-conductivity. TH8NC meets SAE 100R8 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microamperes when subjected to 75 kV/Ft. for five minutes. (Orange is industry accepted colour for non-conductive hose). Black cover is perforated for use in general hydraulic and pneumatic service.

Temperature Range: -54°C to +93°C. Continuous service for petroleum and synthetic oils. Maximum of +70°C for water/oil emulsions and water glycol.

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings (-4 through to -16)



SPECIFICATIONS (Orange Cover - Non-Conductive)

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Carton Length (ft / m)
TH8NC-04 ¥	4467-1186	1/4	0.610	5000 / 345	20000 / 1378	2.000 / 51	250 / 76
TH8NC-06 ¥	4467-1204	3/8	0.750	4000 / 276	16000 / 1102	2.500 / 64	250 / 76
TH8NC-08 ¥	4467-1189	1/2	0.870	3500 / 241	14000 / 965	4.000 / 102	250 / 76

¥ Pricing & availability on request. Minimum purchase quantity may apply.

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Refrigerant

PolarSeal® Hose

(SAE J51, Type A2 Dimensions; SAE J51, Type D Performance; SAE J2064, Type C, Class II Performance)

Recommended For: Liquid and gaseous R134a, R12 and R22 refrigerants in automotive air conditioning and industrial systems; i.e. tractors, construction trucks, mobile and stationary refrigeration units. Designed to minimize permeation of R134a refrigerant and contamination of the system.

Tube: Black synthetic rubber.

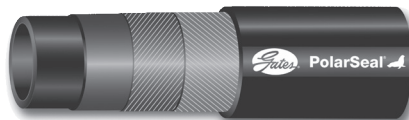
Barrier: Nylon liner.

Reinforcement: Two layers of spiral polyester.

Cover: Black synthetic rubber.

Temperature Range: -30°C to +125°C.

Fittings: (see crimp manuals for specifics):
Permanent G45 PolarSeal® (ACA) Fittings.



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Carton Length (ft / m)
AC134a-06 ¥	3353-0903	5/16	0.750	500 / 34	2000 / 138	2.000 / 51	340 / 104
AC134a-08 ¥	3353-0908	13/32	0.910	500 / 34	2000 / 138	3.000 / 76	235 / 72
AC134a-10 ¥	3353-0913	1/2	1.000	500 / 34	2000 / 138	4.000 / 102	210 / 64
AC134a-12 ¥	3353-0918	5/8	1.130	500 / 34	2000 / 138	5.000 / 127	175 / 53

Power Steering

PS188 Power Steering Hose

Designed to meet requirements of SAE J2050 specifications.

Recommended For: Power steering pressure lines. Designed to meet requirements of SAE J2050 specifications.

Tube: Synthetic rubber specially compounded to provide resistance to high temperatures and power steering fluid (Hypalon - Type M).

Reinforcement: Two high strength nylon braids that resist high temperatures and allow for expansion for system noise dampening.

Cover: Black synthetic rubber developed specifically to resist under hood environment (Neoprene).

Temperature Range: -40°C to +150°C.

Fittings: (see crimp manuals for specifics):
One piece, permanent Power Steering Fittings.



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Carton)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Approx. Bulk Carton Length (ft / m)
PS188-06	3317-0108	3/8	0.710	1500 / 103	6000 / 413	3.250 / 83	49 / 15

¥ Pricing & availability on request. Minimum purchase quantity may apply.

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Multi-Purpose Hose

TERMINATOR - Air and Multi-Purpose Hose

Recommended For: Applications requiring a premium quality, multi-purpose hose with superior abrasion resistance for air, oil and some chemical applications. Excellent durability for extra long life in these applications.: mining, air drill, construction, poultry plants and other severe service. Excellent weather and ozone resistance.

Tube: Type C (Nitrile). Black

Reinforcement: Synthetic, high tensile textile cord.

Cover: Type C₄ (Carboxylated Nitrile). Yellow.

Temperature Range: -40°C to 100°C continuous service.

Fittings: (see crimp manuals for specifics):
MegaCrimp® Fittings (Except -24 and -32)
GSP Fittings for -24 and -32



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Vacuum (in.Hg. / mm.Hg)
TERMINATOR-04	3202-0001	1/4	0.570	501 / 35	-	3.000 / 76	30 / 762
TERMINATOR-06 ¥	3202-0006	3/8	0.750	501 / 35	-	3.000 / 76	25 / 635
TERMINATOR-08 ¥	3202-0011	1/2	0.890	501 / 35	-	5.000 / 127	25 / 635
TERMINATOR-12 ¥	3202-0016	3/4	1.220	501 / 35	-	6.000 / 152	15 / 381
TERMINATOR-16	3202-0021	1	1.510	501 / 35	-	7.900 / 203	10 / 254
TERMINATOR-20 ¥	3202-0027	1 1/4	1.780	501 / 35	-	10.000 / 254	10 / 254
TERMINATOR-24 ¥	3202-0029	1 1/2	2.090	501 / 35	-	12.000 / 305	10 / 254
TERMINATOR-32 ¥	3202-0032	2	2.640	501 / 35	-	14.000 / 356	10 / 254

Multi-Purpose Hose

PREMOFLEX - Air and Multi-Purpose Hose

Recommended For: Premo Flex is the perfect choice for multiple applications requiring a highly flexible, cost effective hose with maximum resistance to petroleum oils, gasoline, kerosene and fuel oil (to +48°C) and lubrication oils (to +100°C). Premo Flex can be used for transferring gasoline or diesel fuels. It is also suitable for air and water applications, offers excellent weather and ozone resistance.

Tube: NBR (Nitrile). RMA (Class A) High oil resistance.

Reinforcement: Synthetic, high tensile textile cord.

Cover: Type C₂ (Modified Nitrile). Red.

Temperature Range: -40°C to 100°C continuous service.

Characteristics: Non conductive at 1000 volts DC. Meets electrical; resistance of one megaohm per inch when subjected to 1000 volts DC.

Fittings: Hose clamps



SPECIFICATIONS

Hardy Spicer Part Number	Product No. (Bulk Reel)	Hose I.D. (inch)	Hose O.D. (inch)	Working Pressure (psi / bar)	Min. Burst Pressure (psi / bar)	Min. Bend Radius (inch / mm)	Vacuum (in.Hg. / mm.Hg)
PREMO-04	3205-0015	1/4	0.500	250 / 17	-	2.000 / 51	30 / 762
PREMO-05	3205-0020	5/16	0.560	250 / 17	-	2.000 / 51	30 / 762
PREMO-06	3205-0025	3/8	0.660	250 / 17	-	3.000 / 76	30 / 762
PREMO-08	3205-0030	1/2	0.850	250 / 17	-	4.000 / 102	25 / 635
PREMO-10	3205-0036	5/8	0.980	250 / 17	-	5.000 / 127	20 / 508
PREMO-12	3205-0040	3/4	1.150	250 / 17	-	5.000 / 127	20 / 508
PREMO-16	3205-0046	1	1.470	250 / 17	-	7.900 / 203	10 / 254
PREMO-20 ¥	3205-0049	1 1/4	1.750	250 / 17	-	10.000 / 254	10 / 254
PREMO-24 ¥	3205-0055	1 1/2	2.000	250 / 17	-	12.000 / 305	10 / 254

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¥ Pricing & availability on request. Minimum purchase quantity may apply.

Waterblast Assemblies

WB Waterblast

Waterblast Hose Assemblies

Type:	Waterblast Hose
Max Working Pressure:	Up to 1000bar (14500psi)
Available Sizes:	-08 & -12
Liner:	Synthetic rubber resistant to water, water-glycol hydraulic fluids
Reinforcement:	Four spiraled layers of high tensile steel wire
Cover:	Oil & weather resistant black synthetic rubber
Skive:	Yes - Internal & External
Temperature Range:	-40°C to +85°C (-40°F to 185°F)

- ✓ Black synthetic rubber resistant to oils, weather & abrasion.
- ✓ Matched to M24 x 1.5 & M36 x 1.5 Female Fittings.
- ✓ Solid nut type, no crimp or thrust wire nuts.
- ✓ Available in single hose lengths up to 40 metres.
- ✓ Tight bend radius 200mm (-08) 310mm (-12).
- ✓ All hose assemblies to be individually tested, certified and numbered.
- ✓ Cost competitive with similar products in market.



**All hoses are sold as a complete pressure tested and certified hose assembly.
Individual parts are not available separately.**

HOSE SPECIFICATIONS

Hardy Spicer Part Number	Dash Size	Nominal Hose I.D. (inch)	Hose O.D. (inch)	OD Reinforcement (inch)	Max. Working Pressure (bar / psi)	Min. Burst Pressure (bar / psi)	Min Bend Radius (inch / mm)	Weight
WB/PLUS-08	-08	1/2" (12.7mm)	1.063" (27mm)	0.906" (23mm)	1000 / 14500	2500 / 36250	7.87" / 200	0.914lb/ft (1.36kg/m)
WB/PLUS-12	-12	3/4" (19.1mm)	1.276" (32.4mm)	1.161" (29.5mm)	1000 / 14500	2500 / 36250	12.20" / 310	1.209lb/ft (1.80kg/m)

HOSE FITTINGS

Hardy Spicer Part Number	Dash Size	Nominal Hose I.D. (inch)	Female Thread	Ferrule	External Skive	Internal Skive	Crimp Diameter
WBMF-24-08	-08	1/2" (12.7mm)	M24 x 1.5mm	WBF-08-1100	52.0mm	16.0mm	29.1mm
WBMF-36-12	-12	3/4" (19.1mm)	M36 x 1.5mm	WBF-12-1000	54.0mm	19.0mm	38.9mm



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