

# HYDRAULIC HOSE & FITTINGS



**Muncie<sup>®</sup>**  
**Power**  
**Products**

Muncie Power Products is a leading manufacturer and distributor of power take-offs and fluid power components for the work truck industry.



Since the company was founded in 1935, Muncie Power Products has taken great pride in providing unparalleled service to each and every customer.

As a member of the Interpump Group, Muncie Power has expanded its hydraulics offering by



bringing the Interpump Fluid Solutions line of hose, fittings, and crimpers to North America. For more than 30 years, Interpump Fluid Solutions has been a leading producer of high-quality hose and fittings that are ***Built to INTERconnect.***

# WE BUILD HYDRAULIC HOSE ASSEMBLIES

WE OFFER COMPLETE FLUID CONVEYANCE KITTING SOLUTIONS.



## COMMON ASSEMBLY NUMBERS FOR WET LINE KITS



**3,000 PSI: 1" PRESSURE  
LINE-1" MALE PIPE THREAD**

10' = MHA-P-16-MP-0120  
12' = MHA-P-16-MP-0144  
14' = MHA-P-16-MP-0168  
16' = MHA-P-16-MP-0192  
20' = MHA-P-16-MP-0240

**SUCTION HOSE: 1¼" I.D. -1¼"  
MALE PIPE THREAD**

8' = MHA-S-20-MP-0096  
10' = MHA-S-20-MP-0120  
12' = MHA-S-20-MP-0144  
16' = MHA-S-20-MP-0192

## MODEL NUMBER CONSTRUCTION

### MHA-P 12 MP 0120

Hose Assembly

Type of Hose

P = Pressure Hose: 12 = 3,000 PSI, 16 = 3,000 PSI, 20 = 2,000 PSI  
S = Suction Hose: 100R4, Rated Full Vacuum  
R = Return Hose: 1-Wire Braid Return Hose

Size of Hose (inside diameter)

12 = ¾" – Available as P, S, R  
16 = 1" – Available as P, S, R  
20 = 1¼" – Available as P, S, R  
24 = 1½" – Available as S only

Thread Type

MP = Male Pipe  
FJ = Female JIC

Length of Hose Assembly in Inches

0072 = 6.0 feet	0132 = 11.0 feet	0192 = 16.0 feet
0078 = 6.5 feet	0138 = 11.5 feet	0198 = 16.5 feet
0084 = 7.0 feet	0144 = 12.0 feet	0204 = 17.0 feet
0090 = 7.5 feet	0150 = 12.5 feet	0210 = 17.5 feet
0096 = 8.0 feet	0156 = 13.0 feet	0216 = 18.0 feet
0102 = 8.5 feet	0162 = 13.5 feet	0222 = 18.5 feet
0108 = 9.0 feet	0168 = 14.0 feet	0228 = 19.0 feet
0114 = 9.5 feet	0174 = 14.5 feet	0234 = 19.5 feet
0120 = 10.0 feet	0180 = 15.0 feet	0240 = 20.0 feet
0126 = 10.5 feet	0186 = 15.5 feet	

# BRAIDED HOSE

## LOGLIFE 1SC



- Specification: EN857 1SC
- Special Features/Approvals: Smooth Outer Cover; MSHA Approved Outer Cover
- Fittings: One-piece G Series

**REINFORCEMENT TYPE** 1 High-tensile Steel Wire Braid

**OPERATING TEMPS** -40°F to +248°F (-40°C to +120°C) Continuous

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			BAR	PSI	BAR	PSI	mm	inch	kg/m	lb.ft.	
	BHES01K-04	¼"	6.4	04	12.3	250	3,625	1,120	16,240	50	1.969	0.182	0.122
BHES01K-05	⅝"	8.0	05	13.5	250	3,625	1,000	14,500	55	2.165	0.21	0.141	001C-05
BHES01K-06	⅜"	9.5	06	15.7	250	3,625	1,000	14,500	60	2.362	0.248	0.167	001C-06
BHES01K-08	½"	12.7	08	18.9	200	2,900	800	11,600	70	2.756	0.391	0.263	001C-08
BHES01K-10	⅝"	16.0	10	22.4	150	2,175	600	8,700	90	3.543	0.41	0.276	001C-10
BHES01K-12	¾"	19.0	12	26.0	150	2,175	600	8,700	100	3.937	0.534	0.359	001C-12

## HYPRESS R17



- Specification: SAE 100R17
- Special Features/Approvals: ABS Approval; MSHA Approved Outer Cover
- Fittings: One-piece G Series

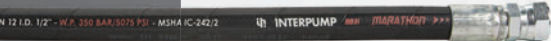
**REINFORCEMENT TYPE** 1 High-tensile Steel Wire Braid in sizes -04 through -08 (¼"-½")  
2 High-tensile Steel Wire Braids in sizes -10 through -16 (⅝"-1")

**OPERATING TEMPS** -40°F to +248°F (-40°C to +120°C) Continuous

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			BAR	PSI	BAR	PSI	mm	inch	kg/m	lb.ft.	
	BFSM017-04	¼"	6.4	04	12.3	210	3,045	840	12,180	50	1.969	0.185	0.124
BFSM017-06	⅜"	9.5	06	15.7	210	3,045	840	12,180	65	2.559	0.256	0.172	001C-06
BFSM017-08	½"	12.7	08	19.4	210	3,045	840	12,180	90	3.543	0.378	0.254	001C-08
BFSM017-10	⅝"	16.0	10	23.5	210	3,045	840	12,180	100	3.937	0.624	0.419	001C-10
BFSM017-12	¾"	19.0	12	27.6	210	3,045	840	12,180	120	4.724	0.764	0.513	001C-12
BFSM017-16	1"	25.4	16	36.2	210	3,045	840	12,180	150	5.906	1.233	0.829	001C-16

(\*) Also stocked in bulk coils, use part number TF5M017-16 to order.

## MARATHON 2SC



- Specification: EN857 2SC
- Special Features/Approvals: ABS Approval; MSHA Approved Outer Cover; Impulse tested to 1,000,000 impulse cycles
- Fittings: One-piece G Series

**REINFORCEMENT TYPE** 2 High-tensile Steel Wire Braids

**OPERATING TEMPS** -40°F to +248°F (-40°C to +120°C) Continuous

Part number	ID		Size	OD mm	Max WP		Min BP		Min BR		Weight		Ferrule
	in	mm			BAR	PSI	BAR	PSI	mm	inch	kg/m	lb.ft.	
	BHEMM2K-04	¼"	6.4	04	13.3	450	6,525	1,800	26,100	50	1.969	0.285	0.192
BHEMM2K-05	⅝"	8.0	05	14.8	420	6,090	1,680	24,360	60	2.362	0.33	0.222	001C-05
BHEMM2K-06	⅜"	9.5	06	17.1	385	5,583	1,540	22,330	70	2.756	0.422	0.284	001C-06
BHEMM2K-08	½"	12.7	08	20.4	350	5,075	1,500	21,750	80	3.150	0.566	0.349	001C-08
BHEMM2K-10	⅝"	16.0	10	23.5	350	5,075	1,400	20,300	90	3.543	0.665	0.447	001C-10
BHEMM2K-12	¾"	19.0	12	27.6	280	4,060	1,120	16,240	120	4.725	0.865	0.531	001C-12
BHEMM2K-16	1"	25.4	16	36.0	250	3,625	1,000	14,500	140	5.512	1.39	0.934	0022-16

# SPIRAL HOSE

- Specification: EN 856 4SH
- Special Features/Approvals: ABS Approval; MSHA Approved Outer Cover; Impulse tested to 1,000,000 impulse cycles
- Fittings: One-piece X Series

<b>REINFORCEMENT TYPE</b>	4 High-tensile Steel Wire Spirals
<b>OPERATING TEMPS</b>	-40°F to +212°F (-40°C to +100°C) Continuous

## HYPRESS 4SH



Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule	
	in	mm			mm	BRA	PSI	BAR	PSI	mm	inch	kg/m		lb.ft.
	TFDM4SH-12	¾"			19.0	12	32.0	420	6,090	1,780	25,810	210		8.268
TFDM4SH-16	1"	25.4	16	38.4	385	5,583	1,750	25,375	220	8.661	2.104	1.414	004N-16	
TFDM4SH-20	1¼"	31.8	20	45.8	350	5,075	1,400	20,300	400	15.748	2.550	1.714	004N-20	
TFDM4SH-24	1½"	38.1	24	53.5	300	4,350	1,250	18,125	560	22.047	3.225	2.167	004N-24	
TFDM4SH-32	2"	50.8	32	68.0	250	3,625	1,000	14,500	700	27.559	4.600	3.091	004N-32	

- Specification: EN 856 R13/ SAE 100R13
- Special Features/Approvals: ABS Approval; MSHA Approved Outer Cover; Impulse tested to 1,000,000 impulse cycles
- Fittings: One-piece X Series

<b>REINFORCEMENT TYPE</b>	4 High-tensile Steel Wire Spirals in sizes -12 through -16 (¾"-1") 6 High-tensile Steel Wire Spirals in sizes -20 through -32 (1¼"-2")
<b>OPERATING TEMPS</b>	-40°F to +250°F (-40°C to +121°C) Continuous

## HYPRESS R13



Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule	
	in	mm			mm	BAR	psi	PSI	PSI	mm	inch	kg/m		lb.ft.
	BFSM013-12	¾"			19.0	12	32.1	350	5,075	1,920	27,840	240		9.449
TFSM013-16	1"	25.4	16	38.7	350	5,075	1,660	24,070	300	11.811	2.106	1.415	0013-16	
TFSM013-20	1¼"	31.8	20	49.7	350	5,075	1,520	22,040	420	16.496	3.891	2.615	0013-20	
TFSM013-24	1½"	38.1	24	57.8	350	5,075	1,600	23,200	500	20.000	5.210	3.501	0013-24	
TFSM013-32	2"	50.8	32	71.5	350	5,075	1,500	21,750	635	25.000	6.840	4.596	0013-32	

- Specification: EN 856 R15/ SAE 100R15
- Special Features/Approvals: ABS Approval; MSHA Approved Outer Cover; Impulse tested to 1,000,000 impulse cycles
- Fittings: One-piece X Series

<b>REINFORCEMENT TYPE</b>	4 High-tensile Steel Wire Spirals in sizes -12 and -16 (¾" and 1") 6 High-tensile Steel Wire Spirals in sizes -20 through -32 (1¼"-2")
<b>OPERATING TEMPS</b>	-40°F to +250°F (-40°C to +121°C) Continuous

## HYPRESS R15



Part number	ID		Size	OD	Max WP		Min BP		Min BR		Weight		Ferrule	
	in	mm			mm	BAR	PSI	BAR	PSI	mm	inch	kg/m		lb.ft.
	TFSM015-12	¾"			19.0	12	32.0	420	6,090	1,750	25,375	210		8.268
TFSM015-16	1"	25.4	16	38.7	420	6,090	1,700	24,650	240	10.433	2.116	1.422	*	
TFSM015-20	1¼"	31.8	20	49.7	420	6,090	1,680	24,360	265	10.433	3.891	2.615	0013-20	
TFSM015-24	1½"	38.1	24	57.8	420	6,090	1,680	24,360	310	12.205	5.182	3.482	0013-24	
TFSM015-32	2"	50.8	32	72.0	420	6,090	1,680	24,360	590	23.228	6.892	4.631	0013-32	

## BRAIDED FITTINGS

### MALE PIPE



Part Number	Hose Size	Thread Size
0370G04-04	-04	-04
0370G06-06	-06	-06
0370G08-08	-08	-08
0370G12-12	-12	-12
0370G16-16	-16	-16

### FEMALE JIC



Part Number	Hose Size	Thread Size
0911G04-04	-04	-04
0911G06-06	-06	-06
0911G08-08	-08	-08
0911G12-12	-12	-12
0911G16-16	-16	-16

### FEMALE JIC 90



Part Number	Hose Size	Thread Size
0951G04-04	-04	-04
0951G06-06	-06	-06
0951G08-08	-08	-08
0951G12-12	-12	-12
0951G16-16	-16	-16

### FEMALE ORFS



Part Number	Hose Size	Thread Size
S05TG04-06	-04	-04
S05TG06-09	-06	-06
S05TG08-11	-08	-08
S05TG12-14	-12	-12
S05TG16-15	-16	-16

## SPIRAL FITTINGS

### CODE 61 FLANGE



Part Number	Hose Size	Thread Size
1250X12-12	-12	-12
1250X16-16	-16	-16
1250X20-20	-20	-20
1250X24-24	-24	-24
1250X32-32	-32	-32

### CODE 61 FLANGE 90



Part Number	Hose Size	Thread Size
1050X12-12	-12	-12
1050X16-16	-16	-16
1050X20-20	-20	-20
1050X24-24	-24	-24
1050X32-32	-32	-32

### CODE 62 FLANGE



Part Number	Hose Size	Thread Size
1300X12-12	-12	-12
1300X16-16	-16	-16
1300X20-20	-20	-20
1300X24-24	-24	-24
1300X32-32	-32	-32

### CODE 62 FLANGE 90



Part Number	Hose Size	Thread Size
1100X12-12	-12	-12
1100X16-16	-16	-16
1100X20-20	-20	-20
1100X24-24	-24	-24
1100X32-32	-32	-32

# ADAPTERS AND QUICK DISCONNECTS

## MALE PIPE X FEMALE PIPE SWIVEL

PART NUMBER	MALE PIPE	FEMALE NSPM
1404-12-12	¾-14	¾-14
1404-16-16	1-11½	1-11½
1404-20-20	1¼-11½	1¼-11½



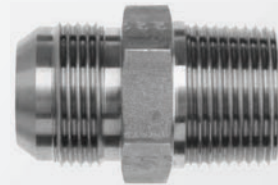
## MALE PIPE X FEMALE PIPE SWIVEL 90°

PART NUMBER	MALE PIPE	FEMALE NSPM
1501-12-12	¾-14	¾-14
1501-16-16	1-11½	1-11½
1501-20-20	1¼-11½	1¼-11½



## MALE JIC X MALE PIPE

PART NUMBER	MALE JIC	MALE PIPE
2404-12-12	1½-12	¾-14
2404-16-16	1⅝-12	1-11½
2404-20-20	1⅞-12	1¼-11½



## MALE JIC X MALE PIPE 90°

PART NUMBER	MALE JIC	MALE PIPE
2501-12-12	1½-12	¾-14
2501-16-16	1⅝-12	1-11½
2501-20-20	1⅞-12	1¼-11½



## WING STYLE QUICK DISCONNECT X FEMALE PIPE

SIZE	FEMALE	MALE
# 12	QDWC1212FP*	QDWN1212FP
# 16	QDWC1616FP*	QDWN1616FP
# 20	QDWC2020FP*	QDWN2020FP



Additional adapters and quick disconnects available.

\* To order as a male and female set, replace "C" with "S"



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