
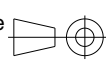


CROSS REFERENCE																
NEW KALMAR P/N	OLD KALMAR P/N	PARKER		CONTINENTAL		EATON/WEATHERHEAD		AEROQUIP		SPECMA		GATES		ALFAGOMMA		TYPICAL USE
		HOSE TYPE	FITTING SERIES	HOSE TYPE	FITTING SERIES	HOSE TYPE	FITTING SERIES	HOSE TYPE	FITTING SERIES	HOSE TYPE	FITTING SERIES	HOSE TYPE	FITTING SERIES	HOSE TYPE	FITTING SERIES	
90005480	90005480	SUPER FLEX FL397	HOSE BARB			H077	HOSE BARB			H057		LOC				FUEL VENT & RETURN (hose to length; no end fittings)
90027435 90027894	90027435 90027894	801	HOSE BARB	IGHT		H201	HOSE BARB	2575		R6		LOLA		ARGUS 1TE/R6		POWER STEERING (hose to length; no end fittings)
H5020000000000	90032209 90032526	206	26	DR5	Uni-Crimp	H239	E	FC300 AQP	100R5	911		C5C	C5	Flexor 5		TRANSMISSION COOLING
H5030000000000 H5090000000000 H5110000000000 H5290000000000	90010406	919 PARFLEX	91N	SR14A	Uni-Crimp	H243 EVERFLEX	E	2807		TF		C14	C14	9Ts OM		COMPRESSOR TO AIR DRYER
H5050000000000	90008365 90030018	540N	55	GR7	T7-JC	3130	U	3130	TTC	R7		TH7	G	Flexor 7		OIL FILTER TILT PUMP
H5060000000000	90008371	811	81	HR4	Uni-Crimp	H039	U	FC619		R4		GMV	G or GL	Flexor R4 604		TANK TO FILTER TANK TO PTO
H5070000000000	90027931 90027825 90027826 90027827 90027842 90027932	451TC Dayco AM	43	XCP3	B2	H145	U	FC639		R17		M3K-XTF	G	AT3K		VALVE TO FILTER PTO TO VALVE VALVE TO BULKHEAD CONTROL VALVE PTO TO STEERING
H6060000000000																SAME AS H506 EXCEPT W/ SLEEVE
H6070000000000																SAME AS H507 EXCEPT W/ SLEEVE
H5080000000000	90007192 90007193 90008295 90008296 90012587 90012591 90029257 90029902 99802345 90029393	201	26	DR5	Uni-Crimp	H569	069	1503	100R5	5FF		C5C	C5	TEMP TECH R5		FUEL LINE
H5100000000000 H5420000000000 H5430000000000	53567783 53567784 53567785 53573219 53573220	SS23CG	26					CR170	Contact Eaton	CR170		LP350X		088AI		LIQUIFIED PETROLEUM GAS COMPRESSED NATURAL GAS
H5120000000000		721	71	SR12	Ultra-Crimp	H430	430 U	GH493				EFG4K	GS	Flexor 12		HIGH PRESSURE HYDRAULICS
H5130000000000 H5140000000000 H5160000000000 H5170000000000 H5180000000000 H5190000000000 H5200000000000 H5210000000000 H5220000000000 H5230000000000 H5240000000000 H5250000000000 H5300000000000 H5310000000000 H5320000000000 H5330000000000 H5340000000000 H5350000000000 H5360000000000 H5390000000000 H5400000000000 H5410000000000	285	26	G4890	GC	H757	757						Polar Seal			REFRIGERANT	
H5260000000000 H5270000000000 H5280000000000		801	HY SAE J2044	IG	PB Series	H201	100					LOLA	GPL	Argus 1TE/R6		FUEL LINE LOW PRESSURE HYDRAULICS
JP110264 JP110266 JP110288 JP110290 H5370000000000		221FR	26 SAE J2044	Flexshield Marine Fuel	Contact Continental					BRSL		C5M				FUEL LINE, ISO 7840
H5380000000000		781	78	SR13	Uni-Crimp	H470	470 E 4SP & 6SP	FC273				EFG5K	GS	Flexor 13		VERY HIGH PRESSURE HYDRAULICS

EO Number	EO-1055376
Drawn/Changed	JOU
Date (DDMMYY)	10/12/21
Approved	MEM
Date (DDMMYY)	13/12/21
REMOVED GATES AND ALFAGOMMA HOSE TYPES FROM H502 HOSES.	

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	GJL	16/09/08		WEH		04/09/08	0.0 lb	1 / 15
	Drawn by	Date (DDMMYY)	Third angle projection				Drawing Number	
	WEH	04/09/08	Prepare edges of fabricated metal parts according to ESN0060.			ESN-0052		

90005480

EO Number		EO-1055376	
Drawn/Changed	JOU	Date (DDMMYY)	10/12/21
Approved	MEM	Date (DDMMYY)	14/12/21
REMOVED GATES AND ALFOGAMMA HOSE TYPES FROM H502 HOSES.			



**Construction:**  
 - Tube: Black nitrile and translucent thermoplastic barrier  
 - Reinforcement: 1 textile braid or multiple textile plies  
 - Cover: Black CPE, smooth finish

**Operating Parameters:**  
 Temperature Range: -30°F to +257°F (-34°C to +125°C)  
 Design factor: 5:1  
 Vacuum: 24" Hg (3/16 through 3/8 ID); 10" Hg (1/2 through 3/4 ID)

397 Super-Flex FL Hose

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/ft
39703	3/16	4.7	0.438	11.1	100	6.9			1.3	33.0	0.06	0.03
39704	1/4	6.4	0.500	12.7	100	6.9			1.5	38.1	0.09	0.04
39705	5/16	7.9	0.562	14.2	100	6.9			2.0	50.8	0.11	0.05
39706	3/8	9.5	0.625	15.9	100	6.9			2.5	63.5	0.12	0.05
39708	1/2	12.7	0.828	17.7	100	6.9			4.0	101.6	0.18	0.08
39710	5/8	15.9	0.938	23.9	35	2.4			5.0	127.0	0.23	0.10
39712	3/4	19.1	1.125	28.6	35	2.4			6.0	152.4	0.33	0.15

**Hose End Fittings:**  
 - Hose to length; no crimp-on end fittings

**Applications:**  
 - Low pressure fuel line hose  
 - Biodiesel, diesel, ethanol, gasoline

**Certifications:**  
 - SAE J30R7  
 - CARB approved  
 - Biodiesel fuels that meet ASTM D 6751 requirements per UL guidelines for biodiesel compatibility.

**Minimum Operating Parameters:**  
 Temperature Range: -30°F to +257°F (-34°C to +125°C)  
 Working Pressure: 100 PSI (6.9 bar)

**Notes:**  
 Hose to length; no end fittings



**Construction:**  
 - Tube: NBR with thermoplastic barrier  
 - Reinforcement: 1 fiber braid  
 - Cover: abrasion and weather resistant cover to help protect against external application abuse.

**Operating Parameters:**  
 Temperature Range: -30°F to +257°F (-34°C to +125°C)  
 Design factor: 4:1

H057 Hose

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
H05703	3/16	4.8	0.4	10.3	49.3	3.4	249.5	17.2	2	51		
H05704	1/4	6.4	0.5	12.7	49.3	3.4	249.5	17.2	2.5	64		
H05705	5/16	7.9	0.56	14.3	49.3	3.4	249.5	17.2	2.75	70		
H05706	3/8	9.5	0.62	15.9	49.3	3.4	249.5	17.2	3	76		
H05707	7/16	11.1	0.69	17.5	34.8	2.4	140.7	9.7	3.25	83		

**Hose End Fittings:**  
 - Hose to length; no crimp-on end fittings



**Construction:**  
 - Tube : Fluoroelastomer Veneer  
 - Reinforcement : Multi-fiber Braids  
 - Cover : ECO (Epichlorohydrin Copolymer)

**Operating Parameters:**  
 Temperature Range: -34°C + 135°C (-30°F to + 275°F)

H077 Hose

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
H07704-10	0.25	6.4	0.50	12.7	125	8.6	900	62.1	3.00	76.2	0.11	0.05
H07705-10	0.31	7.9	0.56	14.3	125	8.6	900	62.1	3.75	95.3	0.13	0.06
H07706-10	0.38	9.2	0.63	15.9	125	8.6	900	62.1	4.50	114.3	0.16	0.07

**Hose End Fittings:**  
 - Hose to length; no crimp-on end fittings



**Construction:**  
 - Tube : Black, Oil resistant, Synthetic rubber  
 - Reinforcement : One fiber braid  
 - Cover : Oil and mildew resistant, textile braid, impregnated with synthetic rubber

**Operating Parameters:**  
 Temperature Range: -40°F to +250°F (-40°C to +121°C)  
 For air -40°F to +160°F (-40°C to +71°C)

LOC Hose

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
4LOC	1/4	6.4	0.52	13.2	300	20.7	1200	82.7	3.0	76	0.09	
6LOC	3/8	9.5	0.64	16.2	300	20.7	1200	82.7	3.0	76	0.11	
8LOC	1/2	12.7	0.80	20.3	300	20.7	1200	82.7	5.0	127	0.15	
10LOC	5/8	15.9	0.90	22.8	300	20.7	1200	82.7	6.0	152.4	0.21	
12LOC	3/4	19.1	1.00	25.4	300	20.7	1200	82.7	7.0	177.8	0.25	

**Hose End Fittings:**  
 - Hose to length; no crimp-on end fittings

**Construction:**  
 - Tube  
 - Reinforcement  
 - Cover

**Operating Parameters:**  
 Temperature Range:

Hose

**Hose End Fittings:**  
 - Use only crimp type

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	GJL	16/19/08		0.0 lb	2 / 15	22
	Drawn by	Date (DDMMYY)	Third angle projection	Drawing Number		
	WEH	04/09/08		ESN-0052		
Prepare edges of fabricated metal parts according to ESN0060.						



**H5020000000000**

EO Number <b>EO-1055376</b>	
Drawn/Changed <b>JOU</b>	Date (DDMMYY) <b>10/12/21</b>
Approved <b>MEM</b>	Date (DDMMYY) <b>14/12/21</b>
REMOVED GATES AND ALFOGAMMA HOSE TYPES FROM H502 HOSES.	



**Construction:**  
 - Tube: PKR  
 - Reinforcement: One fiber braid and one steel braid  
 - Cover: Blue, fiber braid

**Operating Parameters:**  
 Temperature Range: -55°F to +300°F (-48°C to +150°C)

**206 Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	MPa	PSI	bar	IN.	mm	lbs/ft	kg/m
206-4	3/16	5	0.52	13	3000	21			3	75	0.15	0.22
206-5	1/4	6.3	0.58	15	3000	21			3-3/8	85	0.18	0.27
206-6	5/16	8	0.68	17	2250	15.7			3-1/2	90	0.23	0.34
206-8	13/32	10	0.77	20	2000	14			3-1/2	90	0.27	0.40
206-10	1/2	12.5	0.92	23	1750	12.2			4	100	0.37	0.55
206-12	5/8	16	1.08	27	1500	10.5			4	100	0.40	0.60
206-16	7/8	22	1.23	31	800	5.6			4	100	0.46	0.68
206-20	1-1/8	29	1.50	38	625	4.3			5-1/2	140	0.51	0.76
206-24	1-3/8	35	1.75	44	500	3.5			7-1/2	190	0.68	1.01
206-32	1-13/16	46	2.22	56	350	2.4			13-1/4	335	0.89	1.32
206-40	2-3/8	60	2.88	73	350	2.4			24	610	1.31	1.95

**Hose End Fittings:**  
 - 26 Series, 20 Series, 22 Series  
 - Use only crimp type



**Construction:**  
 - Tube: Chlorinated Polyethylene (CPE)  
 - Reinforcement: One braid textile, one braid steel  
 - Cover: Blue, fiber braid

**Operating Parameters:**  
 Temperature Range: -40°F to +300°F (-40°C to +150°C)

**Desert DR5 Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	MPa	PSI	MPa	IN.	mm	lbs/ft	kg/m
DR5-04	3/16	4.8	0.52	13.2	3000	20.7	12000	82.7	3.0	76	0.15	0.22
DR5-05	1/4	6.4	0.58	14.8	3000	20.7	12000	82.7	3.4	86	0.18	0.27
DR5-06	5/16	7.9	0.68	17.1	2250	15.5	9000	62.1	4.0	102	0.22	0.33
DR5-08	13/32	10.3	0.77	19.5	2000	13.8	8000	55.2	4.5	117	0.30	0.45
DR5-10	1/2	12.7	0.92	23.4	1750	12.1	7000	48.3	5.5	140	0.37	0.55
DR5-12	5/8	15.9	1.08	27.4	1500	10.3	6000	41.4	6.5	165	0.45	0.67
DR5-16	7/8	22.2	1.24	31.4	800	5.5	3200	22.1	7.4	187	0.47	0.70
DR5-20	1 1/8	28.6	1.50	38.1	625	4.3	2500	17.2	9.0	229	0.58	0.86

**Hose End Fittings:**  
 - Uni-Crimp Series + Uni-Crimp stems w/ UCF6 ferrule  
 - Use only crimp type

**Applications:**  
 - Transmission Cooling  
 - Petroleum based hydraulic fluids, diesel fuel, petroleum based lubricating oils and coolants.  
 - ATF or synthetic transmission fluid

**Certifications:**  
 - SAE 100R5  
 - SAE J1402 Type All  
 - DOT FMVSS 106 Type All

**Minimum Operating Parameters:**  
 Temperature Range: -40°F to +300°F (-40°C to +150°C)  
 Working Pressure: 200 PSI (13.8 bar) for #16 & smaller hoses

**Notes:**  
 -



**Construction:**  
 - Tube: Poly Ethylene  
 - Reinforcement: One fiber braid and one steel braid  
 - Cover: Blue, fiber braid

**Operating Parameters:**  
 Temperature Range: -55°F to +300°F (-48°C to +150°C)

**911 Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
911-14	7/8	22.2	1.23	31.3	797.7	55	3190.8	220	4	100		

**Hose End Fittings:**  
 -  
 - Use only crimp type



**Construction:**  
 - Tube: Chlorinated Polyethylene (CPE)  
 - Reinforcement: 2 Fiber Braids  
 - Cover: Black Fiber Braid

**Operating Parameters:**  
 Temperature Range: -40°F to +302°F (-40°C to +150°C)

**H239 Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
H23904	0.19	4.8	0.50	12.7	225	15.5	2000	137.9	1.50	38.1	0.07	3.2
H23906	0.31	7.9	0.66	16.7	225	15.5	2000	137.9	2.00	50.8	0.11	5.0
H23908	0.41	10.3	0.75	19.1	225	15.5	2000	137.9	2.31	58.7	0.14	6.4
H23910	0.50	12.7	0.91	23.0	225	15.5	1800	124.1	2.75	69.9	0.21	9.5
H23912	0.63	15.9	1.06	27.0	225	15.5	1800	124.1	3.25	82.6	0.27	12.2
H23916	0.88	22.2	1.25	31.8	225	15.5	1000	68.9	4.00	101.6	0.31	14.1
H23920	1.13	28.6	1.50	38.1	225	15.5	1000	68.9	5.50	139.7	0.41	18.6

**Hose End Fittings:**  
 - 069 Series crimp Fitting  
 - Use only crimp type



**Construction:**  
 - Tube: AQP elastomer tube  
 - Reinforcement: Single wire braid  
 - Cover: Blue polyester braid cover

**Operating Parameters:**  
 Temperature Range: -49°C to +150°C (-55°F to +302°F)

**FC300 AQP Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
FC300-04	0.19	4.8	0.52	13.2	3000	210.0	12000	840.0	3.00	76.2	0.13	0.19
FC300-05	0.25	6.4	0.58	14.7	3000	210.0	12000	840.0	3.38	85.9	0.16	0.24
FC300-06	0.31	7.9	0.67	17.3	2250	157.0	9000	630.0	4.00	101.6	0.23	0.27
FC300-08	0.41	10.4	0.76	19.6	2000	140.0	8000	560.0	4.62	117.3	0.26	0.32
FC300-10	0.50	12.7	0.93	23.4	1750	122.0	7000	490.0	5.50	139.7	0.37	0.49
FC300-12	0.63	16.0	1.08	27.4	1500	105.0	6000	420.0	6.50	165.1	0.46	0.58
FC300-16	0.88	22.4	1.27	31.2	800	56.0	3200	224.0	7.38	187.5	0.44	0.55
FC300-20	1.12	28.4	1.50	38.1	625	43.0	2500	175.0	9.00	228.6	0.52	0.68
FC300-24	1.38	35.1	1.75	44.5	500	35.0	2000	140.0	10.50	266.7	0.67	0.92
FC300-32	1.81	46.0	2.22	56.4	300	21.0	1200	84.0	13.25	336.6	0.94	1.28
FC300-40	2.38	60.1	2.88	73.2	300	21.0	1200	84.0	24.00	609.6	1.50	2.11


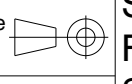
**Hose End Fittings:**  
 - 100R5  
 - Use only crimp type

**Construction:**  
 - Tube  
 - Reinforcement  
 - Cover

**Operating Parameters:**  
 Temperature Range:

**Hose**

**Hose End Fittings:**  
 -  
 - Use only crimp type

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	Drawn by <b>WEH</b>	Date (DDMMYY) <b>04/09/08</b>		Third angle projection 	Drawing Number <b>ESN-0052</b>		
	Prepare edges of fabricated metal parts according to ESN0060.						













**H5100000000000/H5420000000000/H5430000000000**

EO Number EO-1055376	
Drawn/Changed JOU	Date (DDMMYY) 10/12/21
Approved MEM	Date (DDMMYY) 14/12/21
REMOVED GATES AND ALFOGAMMA HOSE TYPES FROM H502 HOSES.	



**Construction:**  
 - Tube: Synthetic rubber  
 - Reinforcement: One steel braid  
 - Cover: Synthetic rubber

**Operating Parameters:**  
 Temperature Range: -40°F to +250°F (-40°C to +121°C)

**SS23CG Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	MPa	PSI	bar	IN.	mm	lbs/ft	kg/m
SS23CG-6	5/16	8.0	0.68	17.2	425	3.0			4	100	0.16	0.24
SS23CG-8	13/32	10.0	0.77	19.5	425	3.0			4-1/2	115	0.17	0.25
SS23CG-10	1/2	12.5	0.92	23.4	425	3.0			5-1/2	140	0.28	0.42
SS23CG-12	5/8	15.9	1.05	26.8	425	3.0			6-1/2	165	0.30	0.45

**Hose End Fittings:**  
 - 26 Series  
 - Use only crimp type

**Applications:**  
 - LPG ( Liquefied Petroleum Gas) and CNG (Compressed Natural Gas)

**Certifications:**  
 - CGA Type III  
 - ECE110 Class 1  
 - ECE R110/R67  
 - UL Standard 21 LPG, UL588, UL569  
 - CAN / CGA-8.1-M86 Type III

**Minimum Operating Parameters:**  
 Temperature Range: -40°F to +250°F (-40°C to +121°C)  
 Working Pressure: 350 PSI (24.1 bar)

**Notes:**  
 -



**Construction:**  
 - Tube: Synthetic rubber  
 - Reinforcement: One steel braid  
 - Cover: Synthetic rubber

**Operating Parameters:**  
 Temperature Range: -40°F to +250°F (-40°C to +121°C)

**CR170 Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
CR170-04	3/16	4.8	0.51	13.1	348.1	24			3	76		
CR170-06	5/16	8	0.67	17	348.1	24			4	102		
CR170-08	13/32	10.3	0.77	19.5	348.1	24			4.64	118		

**Hose End Fittings:**  
 -  
 - Use only crimp type



**Construction:**  
 - Tube: Black synthetic elastomer  
 - Reinforcement: High tensile textile cords  
 - Cover: Orange synthetic elastomer

**Operating Parameters:**  
 Temperature Range: -10°C to +60°C (+14°F to +140°F)

**088AI Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
	5/16	8	0.59	15	375	25			2.50	64	0.115	0.170
	3/8	10	0.67	17	375	25			3.00	80	0.135	0.220

**Hose End Fittings:**  
 -  
 - Use only crimp type



**Construction:**  
 - Tube: Type C ( Nitrile) Black  
 - Reinforcement: High tensile synthetic textile cord  
 - Cover: Type A (Neoprene) Black

**Operating Parameters:**  
 Temperature Range: -40°F to +180°F (-40°C to +82°C)

**LP350X Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	MPa	PSI	MPa	IN.	mm	Lbs.	Kg
4LP350X	1/4	6.4	0.58	14.7	350	2.41			3.0	76	0.14	0.06
6LP350X	3/8	9.5	0.74	18.8	350	2.41			3.0	76	0.21	0.10
8LP350X	1/2	12.7	0.91	23.1	350	2.41			5.0	127	0.28	0.13
12LP350X	3/4	19.1	1.23	31.2	350	2.41			6.0	152	0.44	0.20
16LP350X	1	25.4	1.51	38.4	350	2.41			8.0	203	0.60	0.27

**Hose End Fittings:**  
 - Contact Eaton  
 - Use only crimp type



**Construction:**  
 - Tube: Nylon  
 - Reinforcement: Single stainless steel braid  
 - Cover: Perforated synthetic rubber

**Operating Parameters:**  
 Temperature Range: -40°F to +250°F (-40°C to +121°C)

**CR170 Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
CR170-04	0.19	4.8	0.52	13.2	350	24.0	12000	840.0	3.00	76.2	0.16	0.24
CR170-06	0.31	7.9	0.67	17.0	350	24.0	9000	630.0	4.00	101.6	0.22	0.32
CR170-08	0.41	10.4	0.77	19.6	350	24.0	8000	560.0	4.62	117.3	0.26	0.38
CR170-12	0.63	15.9	1.10	28.0	350	24.0	6000	414.0	6.50	165.1	0.48	0.71

**Hose End Fittings:**  
 - Contact Eaton  
 - Use only crimp type

**Construction:**  
 - Tube  
 - Reinforcement  
 - Cover

**Operating Parameters:**  
 Temperature Range:

**Hose**

**Hose End Fittings:**  
 - Use only crimp type



H5130000000000/H5140000000000/H5160000000000/H5170000000000/H5180000000000/H5190000000000/H5200000000000/  
H52100000000000/H52200000000000/H52300000000000/H52400000000000/H52500000000000/H53000000000000/H53100000000000/  
H53200000000000/H53300000000000/H53400000000000/H53500000000000/H53600000000000/H53900000000000/H54000000000000/  
H54100000000000/

EO Number EO-1055376	
Drawn/Changed JOU	Date (DDMMYY) 10/12/21
Approved MEM	Date (DDMMYY) 14/12/21

REMOVED GATES AND ALFOGAMMA HOSE TYPES FROM H502 HOSES.



**Construction:**  
- Tube: Synthetic rubber with nylon barrier layer  
- Reinforcement: One fiber braid  
- Cover: Synthetic rubber

**Operating Parameters:**  
Temperature Range: -22°F to +257°F (-30°C to +125°C)

**285 Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	MPa	PSI	bar	IN.	mm	lbs/ft	kg/m
285-4	3/16	5	0.49	11.7	500	3.4			1	25	0.09	0.14
285-6	5/16	8	0.62	15.7	500	3.4			1-1/2	40	0.12	0.18
285-8	13/32	10	0.74	18.8	500	3.4			2	50	0.17	0.25
285-10	1/2	12.5	0.83	21.1	500	3.4			2-1/2	65	0.18	0.27
285-12	5/8	16	0.96	24.4	500	3.4			3	75	0.23	0.34

**Hose End Fittings:**  
- 26 Series, 21 Series, 23 Series  
- Use only crimp type



**Construction:**  
- Tube: Chloroprene with nylon barrier layer  
- Reinforcement: One polyester braid  
- Cover: Black chlorobutyl

**Operating Parameters:**  
Temperature Range: -40°F to +275°F (-40°C to +135°C)

**Galaxy SLE G4890 Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	MPa	PSI	MPa	IN.	mm	lbs/ft	kg/m
G4890-06	5/16	7.9	0.56	14.7	500	3.4	2000	13.8	1.0	25	0.09	0.14
G4890-08	13/32	10.3	0.69	17.3	500	3.4	2000	13.8	1.5	38	0.12	0.18
G4890-10	1/2	12.7	0.75	19.4	500	3.4	2000	13.8	2.5	63	0.13	0.20
G4890-12	5/8	15.9	0.94	23.6	350	2.4	1750	12.1	4.0	104	0.20	0.30

**Hose End Fittings:**  
- GC Cool Clip Series  
- Use only crimp type

**Applications:**  
- Refrigerant 134a

**Certifications:**  
- SAE J2064 Type C Class 1

**Minimum Operating Parameters:**  
Temperature Range: -22°F to +257°F (-30°C to +125°C)  
Working Pressure: 350 PSI (24.1 bar)

**Notes:**  
-



**Construction:**  
- Tube: Rubber/Nylon/Rubber  
- Reinforcement: 1 Fiber braid  
- Cover: Butyl ( Perforated)

**Operating Parameters:**  
Temperature Range: -30°C to +120°C (-22°F to +248°F)

**H757 Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
H75706	0.31	7.9	0.56	14.3	400	27.6	2000	137.9	2.00	50.8	0.10	4.5
H75708	0.41	10.3	0.69	17.5	400	27.6	2000	137.9	2.50	63.5	0.12	5.4
H75710	0.50	12.7	0.75	19.1	350	24.1	1750	120.7	3.00	76.2	0.13	5.9
H75712	0.63	15.9	0.94	23.8	350	24.1	1750	120.7	4.00	101.6	0.23	10.4

**Hose End Fittings:**  
- 757 Fitting  
- Use only crimp type



**Construction:**  
- Tube: Black, Synthetic rubber  
- Reinforcement: Two layers of spiral polyester  
- Cover: Black Synthetic rubber

**Operating Parameters:**  
Temperature Range: -22°F to +257°F (-30°C to +125°C)

**Polar Seal Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
6AC134A	5/16	8	0.75	19	500	34.5	2000	137.8	2.00	50.8	0.20	
8AC134A	13/32	10	0.91	23.1	500	34.5	2000	137.8	3.00	76.2	0.28	
10AC134A	1/2	12.5	1.00	25.4	500	34.5	2000	137.8	4.00	101.6	0.32	
12AC134A	5/8	16	1.13	28.7	500	34.5	2000	137.8	5.00	127	0.38	

**Hose End Fittings:**  
- Use only crimp type

**Construction:**  
- Tube  
- Reinforcement  
- Cover

**Operating Parameters:**  
Temperature Range:

**Hose**

**Hose End Fittings:**  
- Use only crimp type

H5260000000000/H5270000000000/H5280000000000

EO Number EO-1055376	
Drawn/Changed JOU	Date (DDMMYY) 10/12/21
Approved MEM	Date (DDMMYY) 14/12/21
REMOVED GATES AND ALFOGAMMA HOSE TYPES FROM H502 HOSES.	



**Construction:**  
 - Tube: Synthetic rubber  
 - Reinforcement: One fiber braid  
 - Cover: Synthetic rubber

**Operating Parameters:**  
 Temperature Range: Oil: -40°F to +257°F (-40°C to +125°C)  
 Air: +158°F (+70°C)  
 Water: +185°F (+85°C)

801 Hose

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	MPa	PSI	bar	IN.	mm	lbs/ft	kg/m
801-4	1/4	6.3	0.50	12.7	350	2.4			2-1/2	65	0.09	0.13
801-6	3/8	10	0.63	15.9	350	2.4			3	75	0.11	0.16
801-8	1/2	12.5	0.78	19.8	300	2.1			5	125	0.18	0.27
801-10	5/8	16	0.91	23.0	300	2.1			6	150	0.19	0.28
801-12	3/4	19	1.03	26.2	300	2.1			7	180	0.24	0.36
801-16	1	25	1.28	32.6	200	1.4			10	250	0.37	0.55

**Hose End Fittings:**  
 - HY Series & J2044  
 - Use only crimp type



**Construction:**  
 - Tube: Synthetic rubber  
 - Reinforcement: One textile braid  
 - Cover: Nitrile synthetic rubber

**Operating Parameters:**  
 Temperature Range: -40°F to +190°F (-40°C to +88°C)

IG Hose

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	MPa	PSI	MPa	IN.	mm	lbs/ft	kg/m
20022636	1/4	6.4	0.54	13.7	300	2.1	1200	8.3	2.5	64	0.09	0.13
20022641	5/16	7.9	0.62	15.7	300	2.1	1200	8.3	3.0	76	0.12	0.18
20022644	3/8	9.5	0.69	17.5	300	2.1	1200	8.3	3.0	76	0.14	0.21
20022648	1/2	12.7	0.81	20.6	300	2.1	1200	8.3	5.0	127	0.16	0.24
20022651	5/8	15.9	0.93	23.6	300	2.1	1200	8.3	6.0	152	0.20	0.30
20022653	3/4	19.0	1.07	27.2	300	2.1	1200	8.3	7.0	178	0.25	0.37
20136613	1	25.4	1.34	34.0	300	2.1	1200	8.3	8.0	203	0.34	0.51

**Hose End Fittings:**  
 - PB Series & J2044  
 - Use only crimp type

**Applications:**  
 - Diesel fuel  
 - Low pressure petroleum base hydraulics  
 - Lubricating oils  
 - Pneumatic

**Certifications:**  
 - MSHA accepted

**Minimum Operating Parameters:**  
 Temperature Range: -40°F to +190°F (-40°C to +88°C)  
 Working Pressure: 300 PSI (20.7 bar) for #12 & smaller hoses

**Notes:**  
 -



**Construction:**  
 - Tube: Nitrile  
 - Reinforcement: 1 Fiber braid  
 - Cover: Neoprene (Black), Vinyl nitrile (Colored hoses)

**Operating Parameters:**  
 Temperature Range: -40°C to +100°C (-40°F to +212°F)

H201 Hose

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
H20104BK	0.25	6.4	0.50	12.7	300	20.7	1200	82.7	3.00	76.2	0.08	3.6
H20106BK	0.38	9.5	0.65	16.7	300	20.7	1200	82.7	3.00	76.2	0.13	5.9
H20108BK	0.50	12.7	0.75	19.1	300	20.7	1200	82.7	5.00	127.0	0.15	6.8
H20110BK	0.63	15.9	0.93	23.8	300	20.7	1200	82.7	6.00	152.4	0.20	9.1
H20112BK	0.75	19.1	1.03	26.2	300	20.7	1200	82.7	7.00	177.8	0.26	11.8

**Hose End Fittings:**  
 - 100 Series  
 - Use only crimp type



**Construction:**  
 - Tube: Oil resistant synthetic rubber  
 - Reinforcement: One high tensile textile braid  
 - Cover: Abrasion, ozone and hydrocarbon resistant synthetic rubber

**Operating Parameters:**  
 Temperature Range: -40°C to +100°C (-40°F to +212°F)

Argus 1TE/R6 Hose

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	MPa	PSI	MPa	IN.	mm	lbs/ft	kg/m
1001385	1/4	6	0.5	12.7	400	2.8	1600	11.2	2.6	64	0.07	0.11
1001386	5/16	8	0.56	14.3	400	2.8	1600	11.2	3.0	76	0.09	0.13
1001387	3/8	10	0.63	15.9	400	2.8	1600	11.2	3.0	76	0.11	0.16
1001388	1/2	13	0.78	19.8	400	2.8	1600	11.2	4.1	102	0.15	0.22
1001389	5/8	16	0.91	23.0	350	2.4	1400	9.6	4.2	107	0.18	0.27
1001390	3/4	19	1.06	26.9	300	2.1	1200	8.4	6.1	152	0.22	0.33
1001391	1	25	1.32	33.5	250	1.7	1000	7.0	8.1	203	0.34	0.50

**Hose End Fittings:**  
 -  
 - Use only crimp type



**Construction:**  
 - Tube: Black oil resistant synthetic rubber  
 - Reinforcement: One fiber braid  
 - Cover: Oil and abrasion synthetic rubber

**Operating Parameters:**  
 Temperature Range: -40°F to +212°F (-40°C to +100°C)

LOLA Hose

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
3LOLA	3/16	4.7	0.41	10.4	300	20.7	1200	82.7	3.0	76.2	0.7	
4LOLA	1/4	6.3	0.47	11.9	300	20.7	1200	82.7	3.0	76.2	0.8	
5LOLA	5/16	7.9	0.55	14.0	300	20.7	1200	82.7	3.0	76.2	0.10	
6LOLA	3/8	10	0.63	16.0	300	20.7	1200	82.7	3.0	76.2	0.13	
8LOLA	1/2	12.5	0.77	19.5	300	20.7	1200	82.7	5.0	127	0.17	
10LOLA	5/8	15.9	0.94	23.8	300	20.7	1200	82.7	6.0	152.4	0.23	
12LOLA	3/4	19	1.06	26.9	300	20.7	1200	82.7	7.0	177.8	0.28	

**Hose End Fittings:**  
 - GPL Series  
 - Use only crimp type

**Construction:**  
 - Tube  
 - Reinforcement  
 - Cover

**Operating Parameters:**  
 Temperature Range:

Hose

**Hose End Fittings:**  
 - Use only crimp type

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	Drawn by <b>WEH</b>	Date (DDMMYY) <b>04/09/08</b>		Third angle projection 	Drawing Number <b>ESN-0052</b>		
	Prepare edges of fabricated metal parts according to ESN0060.						

**JP110264/JP110266/JP110288/JP110290/H5370000000000**

EO Number EO-1055376	
Drawn/Changed JOU	Date (DDMMYY) 10/12/21
Approved MEM	Date (DDMMYY) 14/12/21
REMOVED GATES AND ALFOGAMMA HOSE TYPES FROM H502 HOSES.	



**Construction:**  
 - Tube: Synthetic rubber  
 - Reinforcement: One braid steel wire  
 - Cover: Synthetic rubber, blue, MSHA accepted

**Operating Parameters:**  
 Temperature Range: -4°F to +212°F (-20°C to +100°C)

**221 FR Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	MPa	PSI	bar	IN.	mm	lbs/ft	kg/m
221FR-5	1/4	6.3	0.58	15	500	3.5			1	25	0.19	0.28
221FR-6	5/16	8	0.68	17	500	3.5			1-1/4	30	0.23	0.34
221FR-8	13/32	10	0.77	20	500	3.5			1-3/4	45	0.28	0.42
221FR-10	1/2	12.5	0.92	23	500	3.5			2-1/4	55	0.39	0.58
221FR-12	5/8	16	1.08	27	500	3.5			2-3/4	70	0.41	0.61
221FR-16	7/8	22	1.23	31	500	3.5			3-1/2	90	0.47	0.70

**Hose End Fittings:**  
 - 26 Series, 20 Series, 22 Series & SAE J2044  
 - Use only crimp type



**Construction:**  
 - Tube: Black nitrile  
 - Reinforcement: 2- Spiral polyester with nylon barrier  
 - Cover: Black chemivac<sup>SM</sup> (Nitrile/PVC)

**Operating Parameters:**  
 Temperature Range: -20°F to +180°F (-29°C to +82°C)

**Flexshield Marine Fuel Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
65200	1/4	6.3	0.65	16.5	250	13.7					0.17	3.03
65201	5/16	8	0.68	17.2	250	13.7					0.18	3.21
65202	3/8	10	0.75	19	250	13.7					0.20	3.5
65203	1/2	12.5	0.89	22.6	175	12					0.27	4.8

**Hose End Fittings:**  
 - xx & SAE J2044  
 - Use only crimp type

**Applications:**  
 - Diesel fuel, gasoline, ethanol blends  
 - Fire-resistant marine fuel and engine hose  
 - Petroleum based hydraulic fluid

**Certifications:**  
 - SAE J1527 Type A Class I  
 - USCG SAE J1942  
 - ISO 7840  
 - USCG H, HF  
 - German Lloyd / Lloyds Register / DNV / ABS

**Minimum Operating Parameters:**  
 Temperature Range: -4°F to +212°F (-20°C to +100°C)  
 Working Pressure: 200 PSI (13.8 bar)

**Notes:**  
 -



**Construction:**  
 - Tube: Synthetic rubber  
 - Reinforcement: One braid steel wire  
 - Cover: Synthetic rubber, blue, MSHA accepted

**Operating Parameters:**  
 Temperature Range: -4°F to +212°F (-20°C to +100°C)

**BRSL Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
BRSL-03	3/16	5	7/16	11	145	10	435	30	0.59	15		
BRSL-04	1/4	6	1/2	12	145	10	435	30	0.78	20		
BRSL-05	5/16	8	9/16	15	145	10	435	30	1.0	25		
BRSL-06	3/8	10	11/16	17	145	10	435	30	1.3	35		
BRSL-08	1/2	13	13/16	21	145	10	435	30	2.0	50		
BRSL-10	5/8	16	15/16	24	145	10	435	30	3.1	80		

**Hose End Fittings:**  
 - xx & SAE J2044  
 - Use only crimp type



**Construction:**  
 - Tube: Nitrile  
 - Reinforcement: One wire braid  
 - Cover: Modified nitrile

**Operating Parameters:**  
 Temperature Range: -4°F to +212°F (-20°C to +100°C)

**C5M Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
5C5M	1/4	6	0.58	14.7	500	34.5	2000	137.8	1.3	33	0.21	
6C5M	5/16	8	0.67	17	500	34.5	2000	137.8	1.3	33	0.27	
8C5M	13/32	10.3	0.77	19.5	500	34.5	2000	137.8	1.8	45.7	0.33	
10C5M	1/2	13	0.92	23.3	500	34.5	2000	137.8	2.3	58.4	0.40	
12C5M	5/8	16	1.08	27.4	500	34.5	2000	137.8	2.8	71.1	0.51	
16C5M	7/8	22	1.23	31.2	500	34.5	2000	137.8	3.5	88.9	0.62	

**Hose End Fittings:**  
 - Use only crimp type

**Construction:**  
 - Tube  
 - Reinforcement  
 - Cover

**Operating Parameters:**  
 Temperature Range:

**Hose**

**Hose End Fittings:**  
 - Use only crimp type

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	Drawn by <b>WEH</b>	Date (DDMMYY) <b>04/09/08</b>		Third angle projection 	Drawing Number <b>ESN-0052</b>		
	Prepare edges of fabricated metal parts according to ESN0060.						
	Name <b>ENGINEERING SPECIFICATION, HYDRAULIC, FUEL, &amp; PNEUMATIC HOSE SPECIFICATIONS</b>						

**H5380000000000**

EO Number		EO-1055376	
Drawn/Changed	JOU	Date (DDMMYY)	10/12/21
Approved	MEM	Date (DDMMYY)	14/12/21

REMOVED GATES AND ALFOGAMMA HOSE TYPES FROM H502 HOSES.



**Construction:**  
- Tube: Synthetic rubber  
- Reinforcement: Four or six spiral steel wire  
- Cover: Synthetic rubber

**Operating Parameters:**  
Temperature Range: -40°F to +250°F (-40°C to +120°C)

**781 Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	MPa	PSI	bar	IN.	mm	lbs/ft	kg/m
781-12	3/4	19	1.26	32	5000	35			9-1/2	240	1.07	1.59
781-16	1	25	1.52	39	5000	35			12	300	1.48	2.20
781-20	1-1/4	31.5	1.96	50	5000	35			16-1/2	420	2.48	3.69
781-24	1-1/2	38	2.26	57	5000	35			20	500	3.22	4.79

**Hose End Fittings:**  
- 78 Series  
- Use only crimp type



**Construction:**  
- Tube: Polychloroprene  
- Reinforcement: Four or six spiral steel wire  
- Cover: Black Polychloroprene

**Operating Parameters:**  
Temperature Range: -40°F to +250°F (-40°C to +120°C)

**SR13 Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	MPa	PSI	MPa	IN.	mm	lbs/ft	kg/m
SR13-12	3/4	19	1.26	32.1	5100	35.0	20400	140.7	9.4	240	1.09	1.62
SR13-16	1	25	1.52	38.7	5100	35.0	20400	140.7	11.8	300	1.42	2.11
SR13-20	1 1/4	31	1.96	49.8	5100	35.0	20400	140.7	16.5	420	2.69	4.00
SR13-24	1 1/2	38	2.25	57.3	5100	35.0	20400	140.7	19.7	500	3.35	5.00
SR13-32	2	51	2.80	71.1	5100	35.0	20400	140.7	25.2	640	4.93	7.33

**Hose End Fittings:**  
- DG Uni-Crimp Series + Uni-Crimp stems w/ DGF1 ferrule OR S6 Ultra-Crimp Series  
- Use only crimp type

**Applications:**  
- Very high pressure hydraulics  
- Applications subject to surges or flexing

**Certifications:**  
- SAE 100R13  
- EN 856 R13  
- Flame resistance USMSHA IC-152/8  
- USCG SAE J1942  
- ABS Type Approved

**Minimum Operating Parameters:**  
Temperature Range: -40°F to +250°F (-40°C to +120°C)  
Working Pressure: 5000 PSI (344.7 bar)

**Notes:**  
-



**Construction:**  
- Tube: Nitrile  
- Reinforcement: Multi spiral steel  
- Cover: Black Vinyl Nitrile

**Operating Parameters:**  
Temperature Range: -40°C to +121°C (-40°F to +250°F)

**H470 Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
H47008	0.50	12.7	0.97	24.6	5000	344.8	20000	1379.0	7.00	177.8	0.65	29.5
H47012	0.75	19.1	1.26	31.8	5000	344.8	20000	1379.0	9.50	241.3	1.05	49.4
H47016	1.00	25.4	1.52	38.9	5000	344.8	20000	1379.0	12.00	304.8	1.32	64.4
H47020	1.25	31.8	1.96	50.0	5000	344.8	20000	1379.0	16.50	419.1	2.46	114.3
H47024	1.50	38.1	2.26	57.2	5000	344.8	20000	1379.0	20.00	501.0	3.16	147.4
H47032	2.00	50.8	2.80	71.4	5000	344.8	20000	1379.0	25.00	635.0	4.78	229.1

**Hose End Fittings:**  
- 470 E Fitting, 4SP AND 6SP Fitting  
- Use only crimp type



**Construction:**  
- Tube: Oil resistant synthetic rubber  
- Reinforcement: 4/6 high tensile steel spirals  
- Cover: Abrasion, ozone and hydrocarbon resistant synthetic rubber

**Operating Parameters:**  
Temperature Range: -40°C to +121°C (-40°F to +250°F)

**Flexor 13 Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	MPa	PSI	MPa	IN.	mm	lbs/ft	kg/m
1000231	1	25	1.52	38.7	5500	38	22000	152	12.2	305	1.34	2.0
1000232	1 1/4	32	1.96	49.8	5000	35	20000	140	16.8	419	2.41	3.6
1000233	1 1/2	38	2.26	57.3	5000	35	20000	140	20.3	508	3.22	4.8
1000234	2	51	2.79	70.9	5000	35	20000	140	25.4	635	4.42	6.6

**Hose End Fittings:**  
-  
- Use only crimp type



**Construction:**  
- Tube: Black, oil resistant synthetic rubber  
- Reinforcement: Four alternating layers of spiraled, high tensile steel  
- Cover: Black, oil resistant synthetic rubber

**Operating Parameters:**  
Temperature Range: -40°F to +250°F (-40°C to +121°C)

**EFG5K Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
6EFG5K	3/8	9.5	0.80	20.32	5000	344.7	20000	1379	2.5	63.5	0.47	
8EFG5K	1/2	12.7	0.95	24.13	5000	344.7	20000	1379	3.5	89	0.63	
10EFG5K	5/8	15.8	1.09	27.6	5000	344.7	20000	1379	4.0	101.6	0.80	
12EFG5K	3/4	19.05	1.24	31.4	5000	344.7	20000	1379	4.7	119.3	0.97	
16EFG5K	1	25.4	1.53	38.8	5000	344.7	20000	1379	6.0	152.4	1.49	
20EFG5K	1 1/4	31.75	1.97	50.03	5000	344.7	20000	1379	8.2	208.2	2.30	
24EFG5K	1 1/2	38.1	2.26	57.4	5000	344.7	20000	1379	10.0	254	2.99	
32EFG5K	2	50.8	2.80	71.1	5000	344.7	20000	1379	25.0	635	4.86	
40EFG5K	2 1/2	63.5	3.35	85.09	5000	344.7	20000	1379	30.0	762	6.30	

**Hose End Fittings:**  
- GS Fittings  
- Use only crimp type



**Construction:**  
- Tube: Synthetic rubber  
- Reinforcement: Multiple heavy spiral wire  
- Cover: Black synthetic rubber cover

**Operating Parameters:**  
Temperature Range: -40°C to +121°C (-40°F to +250°F)

**FC273 Hose**

PART NUMBER	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MIN. BURST PRESSURE		MIN. BENDING RADIUS		WEIGHT	
	IN.	mm	IN.	mm	PSI	bar	PSI	bar	IN.	mm	lbs/ft	kg/m
FC273-12	0.75	19.1	1.26	32.0	5000	350	20000	1400	9.5	240	1.05	1.56
FC273-16	1.00	25.4	1.52	38.6	5000	350	20000	1400	12.0	300	1.32	1.96
FC273-20	1.25	31.8	1.96	49.8	5000	350	20000	1400	16.5	420	2.46	3.66
FC273-24	1.50	38.1	2.26	57.4	5000	350	20000	1400	20.0	500	3.16	4.70
FC273-32	2.00	50.8	2.80	71.1	5000	350	20000	1400	25.0	640	4.78	7.11

**Hose End Fittings:**  
- Use only crimp type

**Construction:**  
- Tube  
- Reinforcement  
- Cover

**Operating Parameters:**  
Temperature Range:

**Hose**

**Hose End Fittings:**  
- Use only crimp type

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Drawn by: **WEH**  
Date (DD/MM/YYYY): **04/09/08**  
Third angle projection:

**CARGOTEC** Name: **ENGINEERING SPECIFICATION, HYDRAULIC, FUEL, & PNEUMATIC HOSE SPECIFICATIONS**

Mass (Unit): **0.0 lb**  
Sheet (# / #): **15 / 15**  
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Prepare edges of fabricated metal parts according to ESN0060.