



Fluid rubber hose manufacturing

Fluid connector manufacturing

HP Hydraport

HYDRAULIC
FLEXIBLE HOSE

HYDRAULIC
CONNECTORS

HYDRAULIC
SYSTEM SOLUTION

YOUR CONNECTORS HOSES OEM SOLUTIONS



Steel Wire Braid Hydraulic Hose-smooth Cover



HL210

DIN EN857 2SC : Smooth
EXCEED SAE R16



HL100

DIN EN853 1ST : Smooth
EXCEED SAE 100RA



HL220

DIN EN853 2ST : Smooth
EXCEED SAE 100R2A



HL200

SAE 100R17 : Smooth

HL100

EXCEEDS SAE 100RA



German Technology Equipment

APPLICATIONS:



Internal hose	Synthetic rubber, extruded whole without joints, of uniform thickness.
Covering	Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.
Reinforcement	1 steel wire braid.
Working Pressure	40Bar-250Bar / 580Psi-3625Psi
Impulse Times	≥150,000Times.
Operating temperature	From -40 to +100 °C (intermittent 120 °C), from -40 to +70 °C for water based fluids, from 0 to +70 °C hot air. Prolonged operation at extreme temperatures will reduce hoses life.
Recommended fluid	Mineral and biological oils, glycol-water based, water, lubricants.
Fittings Type	1. FERRULE: No-skive Type DPF2T ; 2. Insert: DPX1XX (X: Can choose)
Certificate	Hoses: MSHA & BV & GOST & MA Approved. Fittings: DEKRA & IAFT16949 & DAKKS & SGS Approved.

#	HOSE SIZES		ID	BRAID	OD	OPERATING PRESSURE		BURST PRESSURE		BEND RADIUS	WEIGHT	LENGTH PER PCS	FERRULE
PART NUMBER	MM	INCH	MM	MM	MM	BAR	PSI	BAR	PSI	MM	KGS/M	METER	DME CODE
HL100-03	4.8	3/16"	4.6-5.4	9.0-10.0	11.9-13.5	250	3625	1000	14500	90	0.240	50or100	DPF2T-03
HL100-04	6.4	1/4"	6.2-7.0	10.6-11.6	15.1-16.7	225	3262.5	900	13050	100	0.255	50or100	DPF2T-04
HL100-05	8.0	5/16"	7.7-8.5	12.1-13.3	16.7-18.3	215	3117.5	860	12470	115	0.304	50or100	DPF2T-05
HL100-06	9.5	3/8"	9.3-10.1	14.5-15.7	19.0-20.6	180	2610	720	10440	130	0.390	50or100	DPF2T-06
HL100-08	12.7	1/2"	12.3-13.5	17.5-19.1	22.2-23.8	160	2320	640	9280	180	0.472	50or100	DPF2T-08
HL100-10	16.0	5/8"	15.5-16.7	20.6-22.2	25.4-27.0	130	1885	520	7540	200	0.581	50or100	DPF2T-10
HL100-12	19.0	3/4"	18.6-19.8	24.6-26.2	29.4-31.0	105	1522.5	420	6090	240	0.690	50or100	DPF2T-12
HL100-16	25.4	1"	25.0-26.4	32.5-34.1	37.1-39.1	88	1276	352	5104	300	0.830	50or100	DPF2T-16

Outward appearance	Black	Layline/Brandings/Logo Type	P Printing	I Ink	E Embossed
Cover Type	S Smooth	Packing Type	R Roll	PA Pallet	R Reel
Certificate					
Marking					
Applicable Specs	⊕DIN EN853 1ST ⊕EXCEEDS SAE100R1A ⊕ISO1436:2009 ⊕TS6387 ⊕ISO1307/EN1804-3 ⊕ISO6805/EN13463-1				

HL200

SAE 100R17 : Smooth



German Technology Equipment

APPLICATIONS:



Internal hose	Synthetic rubber, extruded whole without joints, of uniform thickness.
Covering	Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.
Reinforcement	High tensile steel. 1 braid up to size 1/2", 2 braids from size 5/8" onwards.
Working Pressure	210Bar / 3045Psi
Impulse Times	≥150,000 Times / 200,000Times
Operating temperature	From -40 to +100°C (intermittent 120°C), from -40 to +70°C for water based fluids, from 0 to +70°C hot air. Prolonged operation at extreme temperatures will reduce hoses life.
Recommended fluid	Mineral and biological oils, glycol-water based, water, lubricants.
Fittings Type	1. FERRULE: No-skive Type DPF2T ; 2. Insert: DPX2XX orDPX1XX (X: Can choose)
Certificate	Hoses: MSHA & BV & GOST & MA Approved. Fittings: DEKRA & IAF16949 & DAKKS & SGS Approved.

#	HOSE SIZES		ID	BRAID	OD	OPERATING PRESSURE		BURST PRESSURE		BEND RADIUS	WEIGHT	LENGTH PER PCS	FERRULE
	MM	INCH				BAR	PSI	BAR	PSI				
HL200-03	4.6	3/16"	4.6-5.4	10.1MAX	11.6MAX	210	3045	840	12180	45	0.455	50or100	DPF2T-03
HL200-04	6.4	1/4"	6.2-7.0	11.0MAX	13.2MAX	210	3045	840	12180	50	1.190	50or100	DPF2T-04
HL200-05	8.0	5/16"	7.7-8.5	13.0MAX	15.0MAX	210	3045	840	12180	55	0.200	50or100	DPF2T-05
HL200-06	9.5	3/8"	9.3-10.1	15.0MAX	17.0MAX	210	3045	840	12180	65	0.260	50or100	DPF2T-06
HL200-08	12.7	1/2"	12.3-13.5	18.8MAX	21.1MAX	210	3045	840	12180	90	0.390	50or100	DPF2T-08
HL200-10	16.0	5/8"	15.5-16.7	23.6MAX	25.9MAX	210	3045	840	12180	100	0.640	50or100	DPF2T-10
HL200-12	19.0	3/4"	18.6-19.8	27.7MAX	30.3MAX	210	3045	840	12180	120	0.790	50or100	DPF2T-12
HL200-16	25.4	1"	25.0-26.4	35.6MAX	38.6MAX	210	3045	840	12180	150	1.250	50or100	DPF2T-16

Outward appearance	Black	Layline/Brandings/Logo Type	P Printing	I Ink	E Embossed
Cover Type	W Wrapped	Packing Type	R Roll	PA Pallet	R Reel
Certificate					
Marking					
Applicable Specs	⊕ SAE100R17 ⊕ ISO11237-1 R17 ⊕ ISO1307				

HL210

EXCEEDS SAE R16



APPLICATIONS:



Internal hose	Synthetic rubber, extruded whole without joints, of uniform thickness.
Covering	Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.
Reinforcement	2 steel wire braids.
Working Pressure	165Bar-400Bar / 2393Psi- 5800Psi.
Impulse Times	≥200,000Times.
Operating temperature	From -40 to +100°C (intermittent 120°C), from -40 to +70°C for water based fluids, from 0 to +70°C hot air. Prolonged operation at extreme temperatures will reduce hoses life.
Recommended fluid	Mineral and biological oils, glycol-water based, water, lubricants.
Fittings Type	1. FERRULE: No-skive Type DPF2T ; 2. Insert: DPX2XX (X: Can choose)
Certificate	Hoses: MSHA & BV & GOST & MA Approved. Fittings: DEKRA & IAFT16949 & DAKKS & SGS Approved.

#	HOSE SIZES		ID	BRAID	OD	OPERATING PRESSURE		BURST PRESSURE		BEND RADIUS	WEIGHT	LENGTH PER PCS	FERRULE
PART NUMBER	MM	INCH	MM	MM	MM	BAR	PSI	BAR	PSI	MM	KGS/M	METER	DME CODE
HL210-04	6.4	1/4"	6.1-6.9	10.6-11.7	14.2MAX	400	5800	1600	23200	75	0.290	50or100	DPF2T-04
HL210-05	8.0	5/16"	7.7-8.5	12.1-13.3	16.0MAX	350	5075	1400	20300	85	0.330	50or100	DPF2T-05
HL210-06	9.5	3/8"	9.3-10.1	14.4-15.6	18.3MAX	330	4785	1320	19140	90	0.420	50or100	DPF2T-06
HL210-08	12.7	1/2"	12.3-13.5	17.5-19.1	21.5MAX	275	3987.5	1100	15950	130	0.550	50or100	DPF2T-08
HL210-10	16.0	5/8"	15.5-16.7	20.5-22.3	24.7MAX	250	3625	1000	14500	150	0.650	50or100	DPF2T-10
HL210-12	19.0	3/4"	18.6-19.8	24.6-26.4	28.6MAX	215	3117.5	860	12470	180	0.790	50or100	DPF2T-12
HL210-16	25.4	1"	25.0-26.4	32.5-34.3	36.6 MAX	165	2392.5	660	9570	230	1.180	50or100	DPF2T-16

Outward appearance	<input type="text" value="Black"/>	Layline/Brandings/Logo Type	<input type="text" value="P Printing I Ink"/>
Cover Type	<input type="text" value="S Smooth"/>	Packing Type	<input type="text" value="R Roll PA Pallet R Reel"/>
Certificate			
Marking	EN8572SC ID:1/4"(06MM)MAX.W.P.400BAR/5800PSI		
Applicable Specs	<input type="checkbox"/> DIN EN857 2SC <input type="checkbox"/> ISO11237-1 2SC <input type="checkbox"/> EN1804-3 <input type="checkbox"/> ISO1307 <input type="checkbox"/> ISO6805		

HL220

EXCEEDS SAE 100R2A



German Technology Equipment

APPLICATIONS:



Internal hose	Synthetic rubber, extruded whole without joints, of uniform thickness.
Covering	Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.
Reinforcement	2 steel wire braids.
Working Pressure	80Bar-415Bar / 1160Psi -6017Psi.
Impulse Times	≥200,000Times
Operating temperature	From -40 to +100°C (intermittent 120°C), from -40 to +70°C for water based fluids, from 0 to +70°C hot air. Prolonged operation at extreme temperatures will reduce hoses life.
Recommended fluid	Mineral and biological oils, glycol-water based, water, lubricants.
Fittings Type	1. FERRULE: No-skive Type DPF2T ; 2. Insert: DPX2XX (X: Can choose)
Certificate	Hoses: MSHA & BV & GOST & MA Approved. Fittings: DEKRA & IAFT16949 & DAKKS & SGS Approved.

#	HOSE SIZES		ID	BRAID	OD	OPERATING PRESSURE		BURST PRESSURE		BEND RADIUS	WEIGHT	LENGTH PER PCS	FERRULE
	MM	INCH	MM	MM	MM	BAR	PSI	BAR	PSI	MM	KGS/M	METER	DME CODE
HL220-03	4.8	3/16"	4.6-5.4	10.6-11.6	15.1-16.7	415	6017.5	1660	24070	90	0.340	50or100	DPF2T-03
HL220-04	6.4	1/4"	6.2-7.0	12.1-13.3	16.7-18.3	400	5800	1600	23200	100	0.372	50or100	DPF2T-04
HL220-05	8.0	5/16"	7.7-8.5	13.7-14.9	18.3-19.9	350	5075	1400	20300	115	0.430	50or100	DPF2T-05
HL220-06	9.5	3/8"	9.3-10.1	16.1-17.3	20.6-22.2	330	4785	1320	19140	130	0.560	50or100	DPF2T-06
HL220-08	12.7	1/2"	12.3-13.5	19.0-20.6	23.8-25.4	275	3987.5	1100	15950	180	0.640	50or100	DPF2T-08
HL220-10	16.0	5/8"	15.5-16.7	22.2-23.8	27.0-28.6	250	3625	1000	14500	200	0.732	50or100	DPF2T-10
HL220-12	19.0	3/4"	18.6-19.8	26.2-27.8	31.0-32.6	215	3117.5	860	12470	240	0.930	50or100	DPF2T-12
HL220-16	25.4	1"	25.0-26.4	34.1-35.7	38.5-40.9	165	2392.5	660	9570	300	1.360	50or100	DPF2T-16

Outward appearance	Black	Layline/Brandings/Logo Type	P Printing	I Ink	E Embossed
Cover Type	S Smooth	Packing Type	R Roll	PA Pallet	R Reel
Certificate					
Marking					
Applicable Specs	@DIN EN853 2ST @EXCEEDS SAE100R2A @ISO1436:2009 @ISO1307 @PN-G-32010/PN-EN ISO8030/PN-EN13463 @PN-EN1804-3+A1 @PN-EN ISO4413				

Steel Spiral Wire Hydraulic Hose



	HH120	SAE 100R12
	HH130	SAE 100R15
	HH150	SAE 100R15

HH120

SAE 100R12

+120 ° C



APPLICATIONS:



Internal hose	Synthetic rubber, extruded whole without joints, of uniform thickness.
Covering	Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.
Reinforcement	4 steel wire spirals.
Working Pressure	172Bar-276Bar / 2494Psi-4002Psi
Impulse Times	≥500,000Times.
Operating temperature	From -40 to +120 °C (intermittent 125 °C), from -40 to +70 °C for water based fluids, from 0 to +70 °C hot air. Prolonged operation at extreme temperatures will reduce hoses life.
Recommended fluid	Mineral and biological oils, glycol-water based, water, lubricants.
Fittings Type	1. FERRULE: No-skive Type DPF4T ; 2. Insert: DPX4XX (X: Can choose)
Certificate	Hoses: MSHA & BV & GOST & MA Approved. Fittings: DEKRA & IAFT16949 & DAKKS & SGS Approved.

#	HOSE SIZES		ID	BRAID	OD	OPERATING PRESSURE		BURST PRESSURE		BEND RADIUS	WEIGHT	LENGTH PER PCS	FERRULE
	MM	INCH	MM	MM	MM	BAR	PSI	BAR	PSI	MM	KGS / M	METER	DME CODE
HH120-06	9.5	3/8"	9.3 -10.1	17.7±0.3	20.8±0.4	276	4002	1104	16008	130	0.700	20or40	DPF4T-06
HH120-08	12.7	1/2"	12.3-13.5	20.5±0.3	23.5±0.4	276	4002	1104	16008	180	0.800	20or40	DPF4T-08
HH120-10	16.0	5/8"	15.5-16.7	23.8±0.3	26.8±0.4	276	4002	1104	16008	200	0.975	20or40	DPF4T-10
HH120-12	19.0	3/4"	18.6-19.8	28.0±0.4	31.7±0.4	276	4002	1104	16008	240	1.450	20or40	DPF4T-12
HH120-16	25.4	1"	25.0-26.4	35.5±0.4	38.5±0.4	276	4002	1104	16008	300	2.050	20or40	DPF4T-16
HH120-20	31.8	1.1/4"	31.4-33.0	42.5±0.5	45.5±0.5	207	3001.5	828	12006	420	3.060	20or40	DPF4T-20
HH120-24	38.1	1.1/2"	37.7-39.3	49.2±0.5	53.2±0.5	172	2494	688	9976	500	3.650	20or40	DPF4T-24
HH120-32	50.8	2"	50.4-52.0	62.3±0.5	66.3±0.5	172	2494	688	9976	630	4.850	20or40	DPF4T-32

Outward appearance	Black	Layline/Brandings/Logo Type	<input type="checkbox"/> P Printing <input type="checkbox"/> I Ink <input type="checkbox"/> E Embossed
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Cover Type	<input type="checkbox"/> W Wrapped	Packing Type	<input type="checkbox"/> R Roll <input type="checkbox"/> PA Pallet <input type="checkbox"/> R Reel
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Marking	EN856 4SP EXCEEDS SAE100R12 ID: 3/8" (10MM) MAX.W.P. 445BAR/ 6455PSI
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Applicable Specs	⊕SAE100R12/EN856 R12 ⊕TS 10548 ⊕ISO1307 ⊕ISO3862 R12
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HH130

SAE 100R13



APPLICATIONS:



Internal hose	Synthetic rubber, extruded whole without joints, of uniform thickness.
Covering	Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.
Reinforcement	4 high tensile steel wire spiral up to size 1", 6 spiral from size 1,1/4" to 2".
Working Pressure	350Bar /5075Psi
Impulse Times	≥500,000Times.
Operating temperature	From -40 to +120°C (intermittent 125°C), from -40 to +70°C for water based fluids, from 0 to +70°C hot air. Prolonged operation at extreme temperatures will reduce hoses life.
Recommended fluid	Mineral and biological oils, glicol-water based, water, lubricants.
Fittings Type	1. FERRULE: No-skive Type DPFR13 ; 2. Insert: DPXR13-XX (X: Can choose)
Certificate	Hoses: MSHA & BV & GOST & MA Approved. Fittings: DEKRA & IAFT16949 & DAKKS & SGS Approved.

#	HOSE SIZES	ID	BRAID	OD	OPERATING PRESSURE	BURST PRESSURE	BEND RADIUS	WEIGHT	LENGTH PER PCS	FERRULE			
PART NUMBER	MM	INCH	MM	MM	BAR	PSI	MM	KGS/M	METER	DME CODE			
HH130-12	19.0	3/4"	18.6-19.8	28.0±0.4	31.7±0.4	350	5075	1400	20300	240	1.450	20or40	DPFR13-12
HH130-16	25.4	1"	25.0-26.4	35.5±0.4	38.5±0.4	350	5075	1400	20300	300	2.050	20or40	DPFR13-16
HH130-20	31.8	1.1/4"	31.4-33.0	47.2±0.4	50.8±0.5	350	5075	1400	20300	420	3.060	20or40	DPFR13-20
HH130-24	38.1	1.1/2"	37.7-39.3	54.1±0.4	57.5±0.5	350	5075	1400	20300	500	3.650	20or40	DPFR13-24
HH130-32	50.8	2"	50.4-52.0	67.4±0.4	71.4±0.5	350	5075	1400	20300	640	4.850	20or40	DPFR13-32

Outward appearance	Black	Layline/Brandings/Logo Type	P Printing	I Ink	E Embossed
Cover Type	W Wrapped	Packing Type	R Roll	PA Pallet	R Reel
Certificate					
Marking					
Applicable Specs	⊕ SAE100R13 ⊕ TS10548/PG-G-32010 ⊕ ISO1307 ⊕ EN1804-3 /ISO13463-1 ⊕ ISO3862 R13				

HH150

SAE 100R15



Isobaric line 420 bar/6000 psi - up to 2'' (exceeding standard) - Severe applications where a high abrasion resistance is required

APPLICATIONS:



Internal hose	Synthetic rubber, extruded whole without joints, of uniform thickness.
Covering	Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.
Reinforcement	4 high tensile steel wire spiral up to size 1'', 6 spiral from size 1,1/4" to 2".
Working Pressure	420Bar/6090Psi
Impulse Times	≥500,000Times.
Operating temperature	From -40 to +120°C (intermittent 125°C), from -40 to +70°C for water based fluids, from 0 to +70°C hot air. Prolonged operation at extreme temperatures will reduce hoses life.
Recommended fluid	Mineral and biological oils, glicol-water based, water, lubricants.
Fittings Type	1. FERRULE: No-skive Type DPFR15 ; 2. Insert: DPXR15-XX (X: Can choose)
Certificate	Hoses: MSHA & BV & GOST & MA Approved. Fittings: DEKRA & IAFT16949 & DAKKS & SGS Approved.

#	HOSE SIZES		ID	BRAID	OD	OPERATING PRESSURE		BURST PRESSURE		BEND RADIUS	WEIGHT	LENGTH PER PCS	FERRULE
	MM	INCH	MM	MM	MM	BAR	PSI	BAR	PSI	MM	KGS/M	METER	DME CODE
HH150-06	9.3	3/8"	9.3-10.1	17.7±0.3	20.8±0.4	420	6090	1680	24360	150	0.8	20or40	DPFR15-06
HH150-08	12.3	1/2"	12.3-13.5	20.5±0.3	23.5±0.4	420	6090	1680	24360	200	0.9	20or40	DPFR15-08
HH150-10	15.0	5/8"	15.5-16.4	23.8±0.3	27.5±0.4	420	6090	1680	24360	228	1.09	20or40	DPFR15-10
HH150-12	19	3/4"	18.6-19.8	28.3±0.4	31.3±0.4	420	6090	1680	24360	265	1.6	20or40	DPFR15-12
HH150-16	25.4	1"	25.0-26.4	35.2±0.4	38.2±0.4	420	6090	1680	24360	330	2.25	20or40	DPFR15-16
HH150-20	31.8	1.1/4"	31.4-33.0	47.2±0.4	50.8±0.5	420	6090	1680	24360	445	3.95	20or40	DPFR15-20
HH150-24	38.1	1.1/2"	37.7-39.3	54.1±0.4	57.5±0.5	420	6090	1680	24360	530	5.25	20or40	DPFR15-24
HH150-32	50.8	2"	50.2-51.6	67.4±0.4	71.4±0.5	420	6090	1680	24360	660	7.50	20or40	DPFR15-32

Outward appearance	Black	Layline/Brandings/Logo Type	P Printing	I Ink	E Embossed
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Cover Type	W Wrapped	Packing Type	R Roll	PA Pallet	R Reel
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Marking	HP	SAE 100R15 ID: 3/4" (19MM) MAX.W.P. 420BAR/ 6090PSI	
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Applicable Specs	ⓈSAE100R15 ⓈISO1307 ⓈISO3862 R15
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Super long life high working pressure and high impulse spiral hose

We developed four and six layers of spiral hoses, all impulses test times more than 700,000 times, some spiral hose products more than one million times.

Test Terms	DIN EN856 STANDATD	SAE SAE R12 R13	HP HOSE	 Test Results
Impulse testing (TIMES)	500,000	500,000	700,000	75% more than Standard

 HP		EN856 4SP EXCEEDS SAE100R12 ID: 1" (25MM) MAX.W. P. 280BAR /4060PSI		 FLAME RESISTANT FLUID POWER SOLUTION	 HEAVY CORE	 ISO 9001 ASSESSMENT	
 HP		EN856 4SH EXCEEDS SAE100R13 ID: 1" (25MM) MAX.W. P. 380BAR /5510PSI		 FLAME RESISTANT FLUID POWER SOLUTION	 HEAVY CORE	 ISO 9001 ASSESSMENT	
 HP		SAE100R13 ID: 3/4" (19MM) MAX.W. P. 350BAR /5075PSI		 FLAME RESISTANT FLUID POWER SOLUTION	 HEAVY CORE	 ISO 9001 ASSESSMENT	
 HP		SAE100R15 ID: 3/4" (19MM) MAX.W. P. 420BAR 6090PSI		 FLAME RESISTANT FLUID POWER SOLUTION	 HEAVY CORE	 ISO 9001 ASSESSMENT	



Industrial Hose



HS100

Suction Hose



APPLICATIONS:



Internal hose	Synthetic rubber, extruded whole without joints, of uniform thickness.
Covering	Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions
Reinforcement	2 Textile braids + 1 Special spiral braid.
Working Pressure	4 Bar - 21 Bar / 58 Psi - 304 Psi
Operating temperature	From -40 to +100°C (intermittent 120°C), from -40 to +70°C for water based fluids . Prolonged operation at extreme temperatures will reduce will hoses life.
Recommended fluid	Hydraulic fluids petroleum based (mineral oils), glicol-water based, water, lubricants.
Fittings Type	1. FERRULE: No-skive Type DPFR4; 2. Insert: DPXR4-XX (X: Can choose)
Certificate	Hoses: MSHA & BV & GOST & MA Approved. Fittings: DEKRA & IAFT16949 & DAKKS & SGS Approved.

#	HOSE SIZES		ID	BRAID	OD	OPERATING PRESSURE		BURST PRESSURE		BEND RADIUS	WEIGHT	LENGTH PER PCS	FERRULE
	MM	INCH				BAR	PSI	BAR	PSI				
HS100-12	19.0	3/4"	19±0.4	/	34.4±0.4	21	304.5	63	913.5	120	0.600	40 or 60	DPFR4-12
HS100-16	25.4	1"	25±0.4	/	40.4±0.4	17	246.5	51	739.5	145	0.750	40 or 60	DPFR4-16
HS100-20	31.8	1.1/4"	32±0.4	/	49±0.4	14	203	42	609	195	0.900	40 or 60	DPFR4-20
HS100-24	38.1	1.1/2"	38±0.4	/	55±0.4	10.5	152.25	31.5	456.75	228	1.110	40 or 60	DPFR4-24
HS100-32	50.8	2"	51±0.4	/	68±0.4	7	101.5	21	304.5	300	1.430	20 or 40	DPFR4-32
HS100-40	64.0	2-1/2"	64±0.4	/	81.6±0.4	4	58	12	174	355	2.220	20 or 40	DPFR4-40
HS100-48	76.0	3"	76±0.4	/	94.4±0.4	4	58	12	174	455	2.800	20 or 40	DPFR4-48
HS100-64	102.0	4"	102±0.4	/	120.2±0.4	4	58	12	174	610	3.880	20 or 40	DPFR4-64

Outward appearance	<input type="text" value="Black"/>	Layline/Brandings/Logo Type	<input type="text" value="P Printing"/>
Cover Type	<input type="text" value="W Wrapped"/>	Packing Type	<input type="text" value="R Roll PA Pallet"/>
Certificate			
Marking			
Applicable Specs	<input type="checkbox"/> ISO 1307 <input type="checkbox"/> SAE J517 R4		

Hydraulic Hose Arrangement Installation/Environmental Influence



CORRECT



Hose assembly installation arrangement and working environment can directly affect its service life. The following diagram shows the note to install the hose and it is good to extend the service life and ensure the work safety performance of hose.

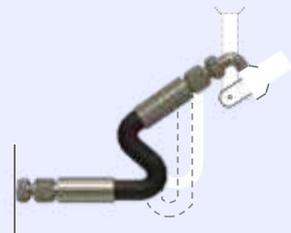
When the hose is connected straightly, must ensure that the hose have enough degree of elasticity so that the hose can be adjusted accordingly when the length change under pressure. If the hose is too short, it will make the fittings push out, or the fitting will be damaged or failure of seal under the long term stress.

The degree of elasticity must be considered while you confirm the hose length to reduce the tension of the hose under the working. However, if the hose assembly is too long, it will have a friction with equipment or other parts.

Don't make the hose distort during installing the hose, the bend radius of the hose must be bigger than its minimum bend radius.



MISTAKE

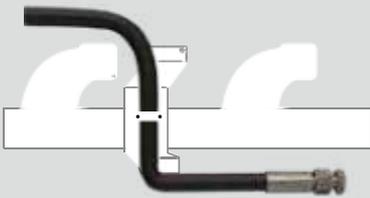




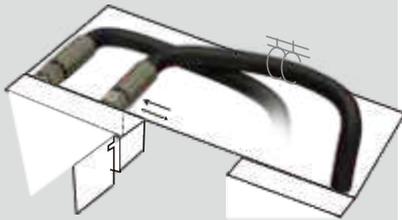
CORRECT



Hydraulic hose arrangement is the base to choose the hose fittings, the right fittings type choose can be avoid the distorted hose and hose waste and reduce the using count of the fittings.



The right method to use hose clamp is important to keep stability for the hose arrangement; it can also avoid the damage when the hose contacts the surface of the equipment; and the clamping way can't hamper the natural movement and change in length of the hose.



The high pressure and low pressure hose can't cross or fix together, because different length changing rate will result the damage of the hose cover.



Hydraulic hose arrangement must consider functionality first, and then the aesthetic and convenience, meanwhile the needs of system maintenance should be also considered.



In general, the hose shouldn't have the surface contact with other things. (Inclusive of the contact between hose and hose) The hose sheath should be considered when the contact is inevitable.



MISTAKE

