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## AVENGER H12A

Meets or exceeds the performance requirements of SAE 100R12, AS 3791 100R12, EN 856 Type R12, EN 856 Type 4SP (-12 and above), ISO 3862 Type R12.  
Third Party approvals: ABS, DNV, GL, LR, MED, USCG ([click to view](#)).

### Recommended For:

Very high pressure hydraulic oil lines.  
The extra high working pressures and excellent impulse life when tested to SAE 100R12 test conditions result in, increase service life and minimise equipment downtime.

### Tube:

Black, oil resistant synthetic rubber.

### Reinforcement:

Four alternating layers of spiralled high tensile steel wire.

### Cover:

Black, oil resistant and abrasion resistant synthetic rubber.  
Highly visible layline branding for easy and permanent identification.  
No skiving required with T700 Series BITELOK Crimp Couplings.

### Temperature Range:

From -40°C to +121°C (-40°F to +250°F).  
For water, emulsions etc. [click to view](#)

### Working Pressure:

Maximum working pressures are based on 4:1 safety factor (minimum burst to maximum working pressure).

### Flame Resistance:

Complies with Flame Resistant requirements of Australian Standard AS 2660 and Method of Test AS 1180.10B.  
Meets Flame Resistant Designation "U.S. MSHA" of the US Department of Labor, Mine Safety and Health Administration.

### Couplings:

#### BITELOK NON-SKIVE ONE-PIECE CRIMP

T700 Series (sizes -06 to -32) [click to view](#)  
Assembly Instructions [click to view](#)

#### BITELOK SKIVE ONE-PIECE CRIMP

T200 Series (sizes -06 to -10) [click to view](#)  
Assembly Instructions [click to view](#)

### Hose Working Pressures

1 BAR = 14.5 PSI 1 MPA = 10 BAR

PART NO	HOSE SIZE ID			MAX. DYNAMIC WORKING PRESSURE		MIN. BURST PRESSURE	
	DN	INCH	DASH	BAR	PSI	BAR	PSI
H1206A	10	3/8	-06	350	5100	1400	20400
H1208A	12	1/2	-08	350	5100	1400	20400
H1210A	16	5/8	-10	350	5100	1400	20400
H1212A	19	3/4	-12	350	5100	1400	20400
H1216A	25	1	-16	350	5100	1400	20400
H1220A	31	1.1/4	-20	275	4000	1100	16000
H1224A	38	1.1/2	-24	255	3700	1020	14800
H1232A	51	2	-32	210	3050	840	12200

### Hose Dimensions

### Matched Couplings

PART NO	MINIMUM BEND RADIUS		AVERAGE WEIGHT		NOMINAL HOSE OD		BITELOK ONE PIECE CRIMP	
	MM	INCH	KGS/M	LBS/FT	MM	INCH	NON-SKIVE	SKIVE
H1206A	127	5.0	0,65	0.44	20,2	0.80	T700 SERIES	T200 (SKIVE)
H1208A	178	7.0	0,80	0.54	23,8	0.94	T700 SERIES	T200 (SKIVE)
H1210A	200	8.0	1,16	0.78	28,2	1.11	T700 SERIES	T200 (SKIVE)
H1212A	240	9.5	1,27	0.85	30,7	1.21	T700 SERIES	
H1216A	300	12.0	1,91	1.28	38,0	1.50	T700 SERIES	
H1220A	400	16.0	2,53	1.70	47,0	1.85	T700 SERIES	
H1224A	500	20.0	3,40	2.28	53,5	2.11	T700 SERIES	
H1232A	600	24.0	4,50	3.02	66,7	2.63	T700 SERIES	

Contact RYCO Hydraulics for Crimp Diameter and Mark Length or Skive for BITELOK Couplings