

## 8G1LA

FLEXOR 7

SAE 100 R7 - EN 855 R7



<b>Tube :</b>	THERMOPLASTIC POLYESTER
<b>Reinforcement :</b>	Two high tensile textile braids and two tensile steel braids
<b>Cover :</b>	ABRASION, OZONE AND HYDROCARBON RESISTANT THERMOPLASTIC POLYURETHANE-PIN PRICKED
<b>Application :</b>	HIGH PRESSURE HYDRAULIC LINES, FUEL OIL, ANTIFREEZE SOLUTIONS, AIR AND WATER.
<b>Constant operation :</b>	-40°C +93°C
<b>Ambient temperature :</b>	-40°C +80°C
<b>Fittings :</b>	Consult fittings catalogue
<b>Length :</b>	Random
<b>Branding :</b>	
<b>Note :</b>	S.F.: 4:1

Code	ID mm	ID in	Dash	OD mm	OD in	WP Mpa	WP psi	BP Mpa	BP psi	BR mm	BR in	Weight kg/m	Weight lb/C ft
<u>8G1LA00400AG00</u>	4	5/32		8,1	0,32	21	3000	84	12000	38	1,5	0,05	3
<u>8G1LA00500AG00</u>	5	3/16	-3	9,6	0,38	21	3000	84	12000	75	3	0,07	5
<u>8G1LA00600AG00</u>	6	1/4	-4	12,2	0,48	21	3000	84	12000	100	4	0,1	7
<u>8G1LA00800AG00</u>	8	5/16	-5	14,4	0,57	17,5	2500	70	10000	115	4,6	0,13	9
<u>8G1LA01000AG00</u>	10	3/8	-6	15,9	0,63	15,5	2250	62	9000	125	5	0,15	10
<u>8G1LA01200AG00</u>	13	1/2	-8	20,3	0,8	14	2000	56	8000	175	7	0,22	15



## PH 148 - R7

### APPLICATION

MEDIUM Pressure Hydraulic Lines 70 to 210 bar Suitable for hydraulic application with increased resistance to abrasion for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural machinery, Earthmoving, Articulating & Telescopic booms and Material handling equipments can be used for industrial gases and other applications, please consult manufacturer.

Code	Dash Size	DN	Hose I.D. (Nom.)		Hose O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			(In)	(mm)	(In)	(mm)	(psi)	(Bar)	(psi)	(Bar)	(mm)	(In)
PH148-2	-2	3	1/8	3.2	0.320	8.1	3,000	210	12,000	840	25	1.0
PH148-3	-3	5	3/16	4.8	0.405	10.3	3,000	210	12,000	840	25	1.0
PH148-4	-4	6	1/4	6.4	0.490	12.4	2,750	190	11,000	760	32	1.3
PH148-5	-5	8	5/16	8.0	0.560	14.2	2,500	175	10,000	700	45	1.8
PH148-6	-6	10	3/8	9.5	0.620	15.7	2,250	155	9,000	620	55	2.2
PH148-8	-8	12	1/2	12.7	0.760	19.3	2,050	140	8,200	560	77	3.0
PH148-10	-10	16	5/8	16.0	0.910	23.1	1,500	105	6,000	420	110	4.4
PH148-12	-12	20	3/4	19.0	1.040	26.4	1,300	90	5,200	360	140	5.5
PH148-16	-16	25	1	25.4	1.310	33.3	1,000	70	4,000	280	200	8.0
PH148-20	-20	32	1.1/4	31.8	1.654	42.0	1,000	70	4,000	280	300	12.0

Please specify our part nos. as PH151 for electrical non-conductive application - Orange color cover



### APPLICABLE STANDARD

Standard: SAE 100 R7 / DIN EN 855

### CONSTRUCTION

**Core:** Thermoplastic Elastomer  
**Reinforcement:** 1 Braids of Synthetic Fibre  
**Cover:** Black Color, Pin Pricked - Polyurethane.  
 Available Twin & Multi lines with different hose combination and Size. Also, special colors up on request

### TEMPERATURE RANGE

**Continuous:** -40°C to +100°C  
 Temp. not to exceed +70°C for Air and Water based fluids