

4S/6S Approved hoses

GH493

Premium R12 Spiral hose
1/2 SAE Bend radius
SAE 100R12, EN 856 Type R12
EN 856 4SP Operating pressure



Triple Crown

- Pressure
- Temperature
- Abrasion resistance

# Part Number	Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Minimum Bend Radius		Weight	
	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
GH493-12	19	19,0	0.75	31,7	1.25	380,0	5500	1520,0	22000	120,0	4.72	1,34	0.90
GH493-16	25	25,4	1.00	39,4	1.55	350,0	5100	1400,0	20400	150,0	5.91	1,78	1.20
GH493-20	31	31,8	1.25	48,6	1.91	310,0	4500	1240,0	18000	210,0	8.27	2,41	1.62
GH493-24	38	38,1	1.50	55,0	2.17	275,0	4000	1100,0	16000	250,0	9.89	3,00	2.01
GH493-32	51	50,8	2.00	68,3	2.69	275,0	4000	1100,0	16000	320,0	12.60	4,37	2.94

Construction

- Synthetic rubber tube
- 4-spiral wire reinforcement
- Synthetic DURA-TUFF™ for excellent abrasion resistance

Operating temperature range

−40°C to +127°C
(−40°F to +260°F)

Application

- Hydraulic system service with petroleum and water-base fluids, for general industrial use.
- MSHA

Fitting Reference

Hose size	Series
-12	4S
-16	4S
-20	4S
-24	4S
-32	4S

FC736

Premium abrasion resistant R12 Spiral hose
SAE 100R12, EN 856 Type R12



# Part Number	Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Minimum Bend Radius		Weight	
	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
FC736-12	19	19,0	0.75	31,7	1.25	280,0	4050	1120,0	16200	240,0	9.45	1,32	0.89
FC736-16	25	25,4	1.00	39,4	1.55	280,0	4050	1120,0	16200	300,0	11.81	1,75	1.18
FC736-20	31	31,8	1.25	48,6	1.91	210,0	3050	840,0	12200	420,0	16.54	2,36	1.59
FC736-24	38	38,1	1.50	55,0	2.17	175,0	2550	700,0	10200	500,0	19.68	3,00	2.01
FC736-32	51	50,8	2.00	68,3	2.69	175,0	2550	700,0	10200	640,0	25.20	4,37	2.94

Construction

- Synthetic rubber tube
- 4-spiral wire reinforcement
- Synthetic rubber intermediate cover
- BRUISER outer cover for superior abrasion resistance

Operating temperature range

−40°C to +121°C
(−40°F to +250°F)

Application

High abrasion industrial and hydraulic system applications with petroleum and water-based fluids. Recommended for use on critical applications in construction, forestry, and other off-highway vehicles. BRUISER outer cover offers unmatched abrasion, chemical and environmental protection.

Fitting Reference

Hose size	Series
-12	4S
-16	4S
-20	4S
-24	4S
-32	4S