



# SKY-POWER



## Application

High pressure hose for handling phosphate ester hydraulic fluids, intended for aviation Ground Support Equipment (GSE) and various Industrial sectors.

	HOSE I.D.				HOSE O.D.		WORKING PRESSURE		BURST PRESSURE		MINIMUM BEND RADIUS		WEIGHT	
	DN	size	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	Kg/m	lbs/ft
SPW-06-04	6	-4	6.7	1/4"	14.3	0.56	345	5000	1380	20000	100	3.94	0.34	0.23
SPW-10-06	10	-6	9.8	3/8"	18.4	0.72	275	4000	1100	16000	125	4.92	0.50	0.34
SPW-12-08	12	-8	12.9	1/2"	21.3	0.84	240	3500	960	14000	180	7.09	0.60	0.40
SPW-19-12	19	-12	19.4	3/4"	28.6	1.13	155	2250	620	9000	240	9.45	0.87	0.58
SPW-25-16	25	-16	25.8	1"	37.2	1.46	138	2000	552	8000	300	11.81	1.29	0.87

**Construction:**

**Tube:** Black EPDM rubber resistant to phosphate ester hydraulic fluids

**Reinforcement:** Two High tensile steel braids

**Cover:** Green, synthetic rubber, resistant to oils, abrasion and weather condition

**Temperature:**

Phosphate-ester base hydraulic fluids:  
-40°C to +80°C (-40°F to +176°F)

Water, water/oil emulsion, and water/glycol hydraulic fluids up to +85°C (+185°F)

Air up to +70°C (+158°F)