

PH21F - SpiraXcel C6000

Applicable Standard : ISO 18752 - CC



Construction

- Inner tube** Synthetic rubber - black resistant to oil and water
- Reinforcement** Double steel wire braids (DN06 - 08) Four high tensile steel wire spirals (DN10 - 25) Six high tensile steel wire spirals (DN31 - 38)
- Cover** Synthetic rubber - black resistant to abrasion and weather, oil & ozone.
- Application** Designed for constant pressure hydraulic lines up to 420 bar, this hose is suitable for use with petroleum or water based fluids in hydraulic systems. It is ideally suited for agricultural, construction, and material handling equipment and systems, where high flexibility and low bending force are essential for ease of installation in confined or complex routing conditions.

Item Code	Dash Size	DN	Hose Structure	ID		OD		WP		BP		BR/r		W
				inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
PH21F-04	-04	06	2WB	1/4	6.7	0.52	13.2	6000	420	24000	1680	2.0	50	0.330
PH21F-05	-05	08	2WB	5/16	8.2	0.59	15.0	6000	420	24000	1680	2.2	55	0.380
PH21F-06	-06	10	4WS	3/8	9.8	0.77	19.5	6000	420	24000	1680	2.5	63	0.660
PH21F-08	-08	12	4WS	1/2	13.1	0.88	22.4	6000	420	24000	1680	3.5	90	0.790
PH21F-10	-10	16	4WS	5/8	16.2	1.06	27.0	6000	420	24000	1680	3.9	100	1.260
PH21F-12	-12	19	4WS	3/4	19.3	1.16	29.5	6000	420	24000	1680	4.7	120	1.390
PH21F-16	-16	25	4WS	1	25.9	1.43	36.4	6000	420	24000	1680	5.9	150	1.930
PH21F-20	-20	31	6WS	1.1/4	32.2	1.96	49.8	6000	420	24000	1680	8.9	225	4.270
PH21F-24	-24	38	6WS	1.1/2	38.7	2.26	57.3	6000	420	24000	1680	12.0	305	5.750



Temperature Range : Continuous: -40°C to +120°C

Impulse Cycles : 500,000