

PH21E - SpiraXcel C5000

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 - 31) Six high tensile steel wire spirals (DN38)
- Cover** Synthetic rubber - black resistant to abrasion and weather, oil & ozone.
- Application** Designed for constant pressure hydraulic lines up to 350 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 kg/m	Qty (ft)	Type	No of sections
				inch	mm	inch	mm	psi	bar	psi	bar	inch	mm				
PH21E-04	-04	06	2WB	1/4	6.7	0.52	13.2	5000	350	20000	1400	2.0	50	0.330			
PH21E-05	-05	08	2WB	5/16	8.2	0.59	15.0	5000	350	20000	1400	2.2	55	0.380			
PH21E-06	-06	10	4WS	3/8	9.8	0.77	19.5	5000	350	20000	1400	2.5	63	0.660			
PH21E-08	-08	12	4WS	1/2	13.1	0.88	22.4	5000	350	20000	1400	3.5	90	0.790			
PH21E-10	-10	16	4WS	5/8	16.2	1.06	27.0	5000	350	20000	1400	3.9	100	1.260			
PH21E-12	-12	19	4WS	3/4	19.3	1.16	29.5	5000	350	20000	1400	4.7	120	1.390			
PH21E-16	-16	25	4WS	1	25.9	1.43	36.4	5000	350	20000	1400	5.9	150	1.930			
PH21E-20	-20	31	4WS	1.1/4	32.2	1.74	44.3	5000	350	20000	1400	8.2	208	2.525			
PH21E-24	-24	38	6WS	1.1/2	38.7	2.26	57.3	5000	350	20000	1400	12.0	305	4.970			



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

Impulse Cycles : 500,000