

**PH214/224 - 4000 PSI**

**Applicable Standard :** PH214(WB) ISO 18752 - AC,  
PH214(WS) ISO 18752 - BC & CC, PH224 ISO 18752 -  
BC & CC



**Construction**

- Inner tube** Black colour, synthetic rubber resistant to oil and water
- Reinforcement** Single steel wire braid (DN06)  
Double steel wire braids (DN08 - 19)  
Four high tensile steel wire spirals (DN10 - 51)
- Cover** Black colour, synthetic rubber resistant to abrasion and weather, oil & ozone. smooth \*and wrap finish applicable only for wire braided hose
- Application** Constant pressure hydraulic Lines 280 bar for use with petroleum or water based fluids in hydraulic systems. Suitable for Agricultural, Construction & material handling equipments / systems

Cover Options
PH214 : MSHA
PH404: HARDX MSHA (WB)
PH464 : ABRAZONX MSHA (WB)
PH484 : HardX MSHA(WS)
PH494: AbrazonX MSHA (WS)

**Note :** Sizes 3/8" to 3/4" available in both wire braid & wire spiral construction, WB: Wire Braid; WS: Wire Spiral

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
PH214-04	-04	06	1WB	1/4	6.7	0.47	12.0	4000	280	16000	1120	2.0	50	0.186
PH214-05	-05	08	2WB	5/16	8.2	0.59	14.9	4000	280	16000	1120	2.2	55	0.366
PH214-06	-06	10	2WB	3/8	9.8	0.67	17.0	4000	280	16000	1120	2.6	65	0.466
PH224-06	-06	10	4WS	3/8	9.8	0.80	20.3	4000	280	16000	1120	2.6	65	0.660
PH214-08	-08	12	2WB	1/2	13.1	0.80	20.4	4000	280	16000	1120	3.5	90	0.624
PH224-08	-08	12	4WS	1/2	13.1	0.94	23.8	4000	280	16000	1120	3.5	90	0.852
PH214-10	-10	16	2WB	5/8	16.2	0.93	23.5	4000	280	16000	1120	3.9	100	0.736
PH224-10	-10	16	4WS	5/8	16.2	1.08	27.4	4000	280	16000	1120	3.9	100	1.059
PH214-12	-12	19	2WB	3/4	19.3	1.09	27.7	4000	280	16000	1120	4.7	120	0.901
PH224-12	-12	19	4WS	3/4	19.3	1.21	30.7	4000	280	16000	1120	4.7	120	1.134
PH214-16	-16	25	4WS	1	25.9	1.50	38.0	4000	280	16000	1120	5.9	150	1.980
PH214-20	-20	31	4WS	1.1/4	32.2	1.75	44.5	4000	280	16000	1120	18.1	460	2.671
PH214-24	-24	38	4WS	1.1/2	38.7	2.11	53.5	4000	280	16000	1120	22.0	560	3.566
PH214-32	-32	51	4WS	2	51.3	2.56	65.0	4000	280	16000	1120	24.8	630	5.132



**Temperature Range :** WB -40°C to +100°C , WS -40°C to +120°C

**Intermittent :** +120°C

**\*Smooth cover available only upto size 1"**