Polyhose™
Providing Flexible Solutions Globally

RUBBER HOSE - HYDRAULIC HOSE - LOW & MEDIUM PRESSURE HOSE

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	Temperature Usage Options
PH214 : MSHA	PH414: -55°C to + 100°C (WB)
PH404: HARDX MSHA (WB)	PH434: -40°C to +135°C MSHA (WB)
PH464 : ABRAZONX MSHA (WB)	PH454: -40°C to +153°C 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"**