Polyhose™
Providing Flexible Solutions Globally

RUBBER HOSE - HYDRAULIC HOSE - LOW & MEDIUM PRESSURE HOSE

PH254 - R2AT / 2SN



Applicable Standard : SAE J517-100R2AT / EN 853-2SN / ISO 1436

Construction

Inner tube	Black Colour, Synthetic rubber resistant to oil and water
Reinforcement	Double steel wire braids
Cover	Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone. Available in wrap and smooth finish*
Application	High Pressure Hydraulic Lines 50 to 415 bar. For use with petroleum,synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural,Earthmoving & Material handling equipment and machineries/systems

Cover Options	Temperature Usage Options
PH254 : MSHA	PH554: Low temperature -55°C to +100°C
PH249: HARDX MSHA	PH256 : High temperature MSHA cover -40°C to +135°C
PH299 : ABRAZONX MSHA	PH292 : Ultra high temperature MSHA cover -40°C to +150°C

Note :

- Sizes 3" to 4" are not covered under SAE J517-100R2AT/EN 853-2SN

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
PH254-03	-03	05	3/16	5.1	0.52	13.1	6020	415	24070	1660	3.5	90	0.319
PH254-04	-04	06	1/4	6.7	0.58	14.7	5800	400	23200	1600	3.9	100	0.386
PH254-05	-05	08	5/16	8.2	0.64	16.3	5075	350	20300	1400	4.5	115	0.458
PH254-06	-06	10	3/8	9.8	0.74	18.7	4785	330	19140	1320	4.9	125	0.590
PH254-08	-08	12	1/2	13.1	0.86	21.8	3990	275	15950	1100	7.1	180	0.679
PH254-10	-10	16	5/8	16.2	0.98	25.0	3625	250	14500	1000	7.9	200	0.825
PH254-12	-12	19	3/4	19.3	1.14	28.9	3120	215	12470	860	9.4	240	1.009
PH254-16	-16	25	1	25.9	1.48	37.5	2395	165	9570	660	11.8	300	1.457
PH254-20	-20	31	1.1/4	32.4	1.87	47.6	1815	125	7250	500	16.5	420	2.272
PH254-24	-24	38	1.1/2	38.7	2.13	54.0	1305	90	5220	360	19.7	500	2.620
PH254-32	-32	51	2	51.3	2.63	66.7	1160	80	4640	320	24.8	630	3.381
PH254-40	-40	63	2.1/2	63.5	3.15	80.0	1015	70	4060	280	29.9	760	4.443
PH254-48	-48	76	3	76.2	3.68	93.4	800	55	3190	220	35.4	900	5.459
PH254-64	-64	100	4	101.6	4.67	118.5	725	50	2900	200	46.5	1180	5.887

Temperature Range : Continuous: -40°C to +100°C

Intermittent : +120°C

Impulse Cycles : 200,000; Tested upto 400,000 cycles,upto 1"I.D

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