

# PH440 – Steel Air Hose

 [polyhose.com/products/rubber-hose/ph440-steel-air-hose/](https://polyhose.com/products/rubber-hose/ph440-steel-air-hose/)

## Application

Compressed air service in severe working conditions in mines, quarries and industrial applications.



Code	Dash size	DN	Hose I.D. (Nom.)		Hose O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
Part#			inch	mm	inch	mm	psi	bar	psi	bar	mm	inch
PH440-8	-8	12	1/2	12.7	0.79	20.0	1160	80	3480	240	200	8.00
PH440-12	-12	20	3/4	19.0	1.14	29.0	870	60	2610	180	240	9.50
PH440-16	-16	25	1	25.4	1.29	32.7	725	50	2175	150	300	12.00
PH440-20	-20	32	1.1/4	31.8	1.65	42.0	725	50	2175	150	420	16.50
PH440-24	-24	38	1.1/2	38.1	2.04	51.7	725	50	2175	150	500	20.00
PH440-32	-32	50	2	50.8	2.48	63.0	580	40	1740	120	630	25.00
PH440-40	-40	63	2.1/2	63.0	3.13	80.0	580	40	1740	120	762	30.00
PH440-48	-48	75	3	76.0	3.72	95.0	580	40	1740	120	915	36.00

Note : 1/2" to 2" – one wire braid, 2 1/2" to 4" – two wire braided. Use part number PH441 for high temperature.

Applicable Standard:

**Standard:** Polyhose proprietary product

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Construction:

**Core:** Black color, smooth bore and oil resistant synthetic rubber

**Reinforcement:** Single steel wire braid

**Cover:** Yellow Color, oil, weather and abrasion resistant synthetic rubber. Also available in Black outer cover.  
For other sizes and specific coil length refer to polyhose

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Temperature Range:

**Continuous:** -40°C to +90 °C

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