



PUSH-LOCK BLACK

MANUFACTURING & MACHINE TOOLS

Automotive industries

Ideally designed for hydraulic pneumatic low pressure lines for robotic in automotive industries. Used with push-on fittings at maximum working pressure of 16bar (250psi). Not suitable for impulse pressure application.

Advantages

- 40, 80 and 100m delivered in one piece on wooden reel.
- Very good abrasion resistance.
- Flexibility, light weight and easy handling.
- Free from silicone.

Technical description

Inner tube: oil resistant NBR/PVC, black, smooth.

Reinforcement: one textile braid.

Cover: abrasion, oil and weather resistant NBR/PVC, black, smooth.

Temperature range:

Air: -20°C/+110°C (peak +125°C).

Water: 0°C/+100°C (peak +110°C).

Hydraulic oils: -20°C/+70°C (peak +90°C).

Water glycol: -20°C/+70°C (peak +90°C).

Electrical properties: non-conductive inner tube, $R > 10^{12} \Omega/m$.

Couplings/Fittings

Used with push-on fittings at maximum working pressure of 16bar (250psi).

Complementary information

40, 80 and 100m: delivered in one piece on wooden reel.

20m: delivered in coils with PE film on pallet.



ID inch	ID mm		OD mm		Working pressure		Bursting pressure		Bending radius mm	Weight kg/m	Length m	Notes
		±0.4	12.4	±0.8	bar	psi	bar	psi				
1/4	6.3	±0.4	12.4	±0.8	16	250	64	1000	45	0.11	40 - 100	
3/8	9.6	±0.4	15.5	±0.8	16	250	64	1000	75	0.16	40 - 100	
1/2	12.7	±0.5	18.7	±1.0	16	250	64	1000	90	0.19	40 - 100	
5/8	16.0	±0.6	22.9	±1.0	16	250	64	1000	115	0.28	40 - 80	
3/4	19.2	±0.6	26.5	±1.0	16	250	64	1000	135	0.34	40 - 80	

Tolerance on length: ±1% (ISO 1307 Standard).

Lengths in bold = stock item. Other lengths = non stock (consult us for minimum quantity of order).

Branding

