PUSH-LOCK BLACK

GENERAL INDUSTRY

Auto process



APPLICATIONS

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).

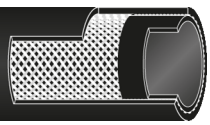
Electrical properties: non-conductive inner tube, R>$10^{12}\Omega$/m.

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 palet.



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ID inch	ID mm	OD mm	WORKING PRESSURE bar psi	BURSTING PRESSURE bar psi	BENDING RADIUS mm	WEIGHT kg/m	LENGTH m	ARTICLE NUMBER	STOCK (ι) or min. order m
1/4	6.3 ±0.4	12.4 ±0.8	16 250.0	64 1000.0	45	0.11	20	5503501	¤
1/4	6.3 ±0.4	12.4 ±0.8	16 250.0	64 1000.0	45	0.11	40	5503502	¤
1/4	6.3 ±0.4	12.4 ±0.8	16 250.0	64 1000.0	45	0.11	100	5503503	ι
3/8	9.6 ±0.5	15.5 ±0.8	16 250.0	64 1000.0	75	0.16	20	5503504	¤
3/8	9.6 ±0.5	15.5 ±0.8	16 250.0	64 1000.0	75	0.16	40	5503505	¤
3/8	9.6 ±0.5	15.5 ±0.8	16 250.0	64 1000.0	75	0.16	100	5503506	ι
1/2	12.7 ±0.6	18.7 ±1.0	16 250.0	64 1000.0	90	0.19	20	5503507	¤
1/2	12.7 ±0.6	18.7 ±1.0	16 250.0	64 1000.0	90	0.19	40	5503508	¤
1/2	12.7 ±0.6	18.7 ±1.0	16 250.0	64 1000.0	90	0.19	100	5503509	ι
5/8	16.0 ±0.6	22.9 ±1.0	16 250.0	64 1000.0	115	0.28	20	5503510	1600
5/8	16.0 ±0.6	22.9 ±1.0	16 250.0	64 1000.0	115	0.28	40	5503511	1600
5/8	16.0 ±0.6	22.9 ±1.0	16 250.0	64 1000.0	115	0.28	80	5503512	1600
3/4	19.2 ±0.6	26.5 ±1.0	16 250.0	64 1000.0	135	0.34	20	5503513	580
3/4	19.2 ±0.6	26.5 ±1.0	16 250.0	64 1000.0	135	0.34	40	5503514	560
3/4	19.2 ±0.6	26.5 ±1.0	16 250.0	64 1000.0	135	0.34	80	5503515	560

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

Digital version

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