



Bulletin 4460-B1/UK

Thermoplastic Push-Lok® hose 830M/838M

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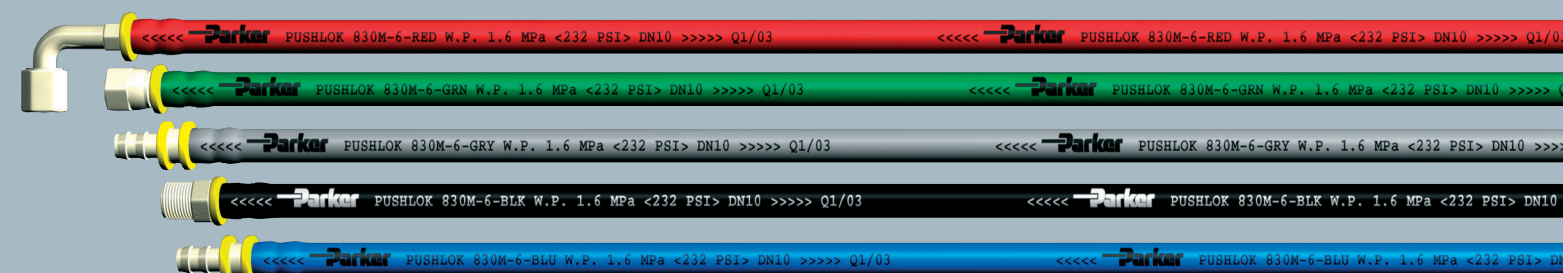
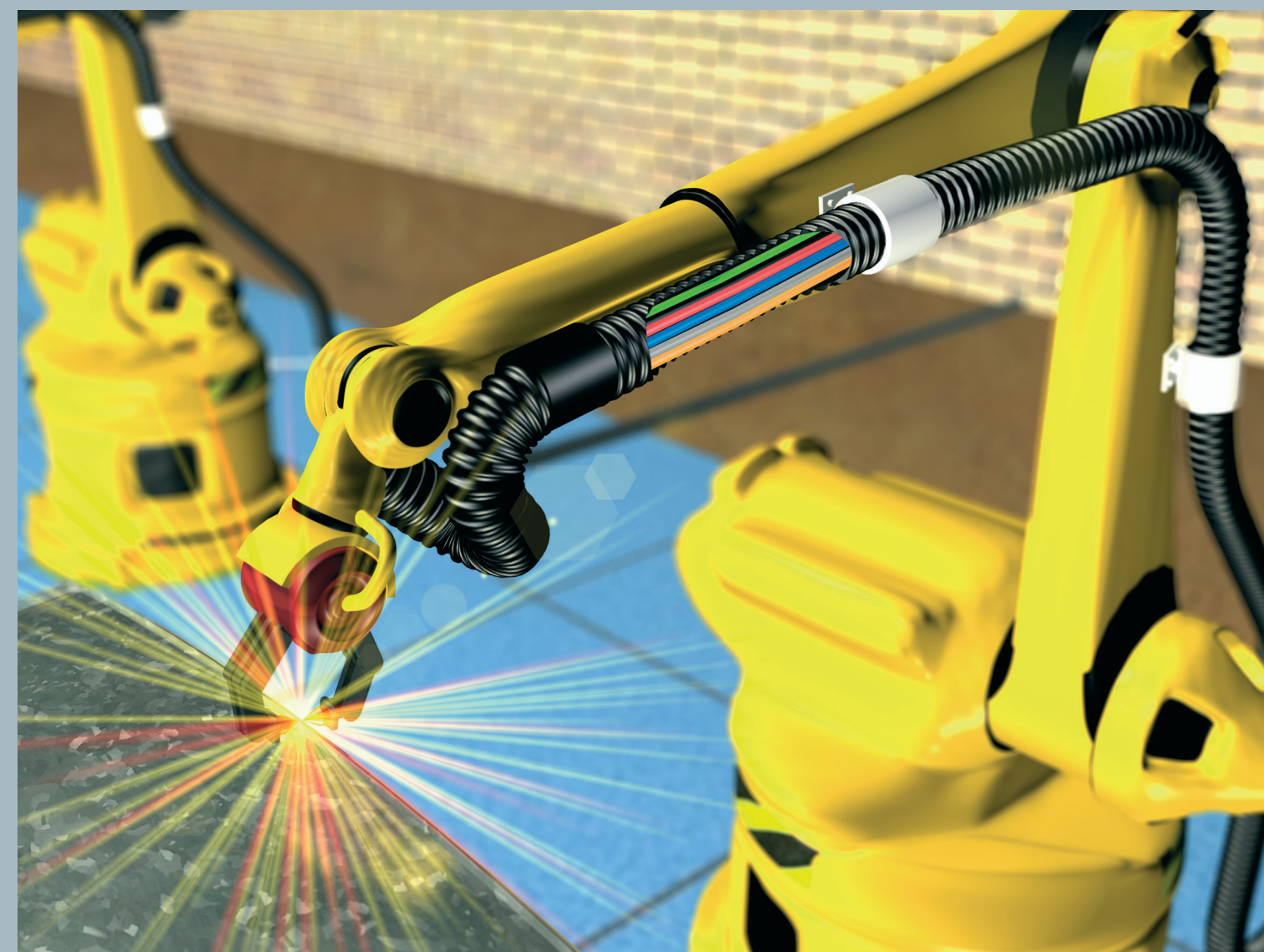
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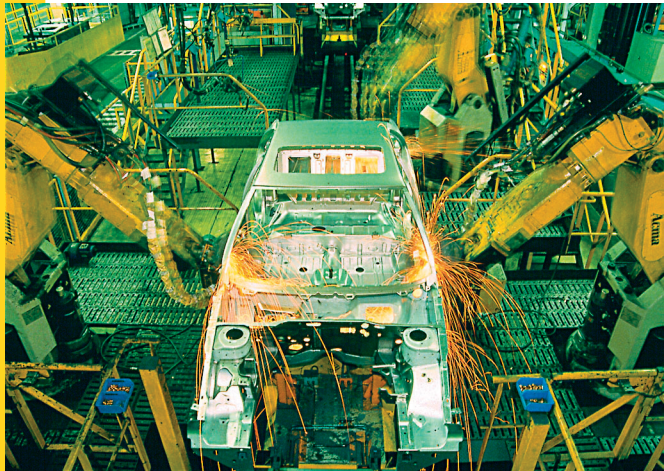
830M / 838M

Thermoplastic Push-Lok® hose

Polyflex now offers the new Push-Lok® hose 830M/838M as the answer to the market requirement for a powerful and long lasting thermoplastic solution. The hose is designed for applications up to 16 bar where a high functional safety and a long life time is required such as energy supply systems for robots.

Extremely good abrasion resistance

due to the Polyurethane cover the hose achieves long service life in particular for critical applications such as hose bundles.



Torsion resistance

long life time in flexing applications such as robot installations.

High functional safety

Parker supplies the hose and the corresponding fittings. The 830M/838M is fully tested with the Parker Push-Lok® fitting series 82 and has a burst pressure safety factor of 4:1.

Tight bend radius

offers the possibility to install the hose in areas where limited space is an issue.

Silicone and LABS-free

free of paint effecting substances. No impact on the painting quality (imperative in the automotive industry).

Colour variety

830M/838M is available in black, red, green, blue, grey and orange. This variety of colours allows easy identification of the hose function.

The 838M is a electrically non-conductive hose version which is always indicated by the orange cover.

Low assembly costs

the well established Parker Push-Lok® fitting design guarantees an easy and fast assembly. There are no additional clamps required with the Parker solution.

Construction

Polyurethane inner core
Fibre braid reinforcement
Polyurethane outer cover

Application

Air
Water
Water-oil emulsions
Compatibility with other media on request

Temperature

-20 °C to +80 °C

Standard colours

Version 830M = black (BLK), blue (BLU), red (RED), green (GRN), grey (GRY)
Version 838M = orange

Fittings

Parker Push-Lok® series 82

The 830M/838M consists of a Polyurethane core tube, a fibre reinforcement and a extremely abrasion resistant Polyurethane cover. This construction offers the customers several benefits.

Part No. #	Hose I.D.				Hose O.D. mm	Max. working pressure MPa	Min. burst pressure MPa	Vacuum max. MPa	Min. bending radius mm	Weight kg/m
	DN	size	mm	inch						
830M-4-xxx-RL	6	-4	6,3	1/4	11,2	1,6	6,4	0,01	30	0,10
830M-6-xxx-RL	10	-6	9,5	3/8	15,0	1,6	6,4	0,01	50	0,14
830M-8-xxx-RL	12	-8	12,7	1/2	19,1	1,6	6,4	0,01	70	0,18
830M-10-xxx-RL	16	-10	16,0	5/8	23,0	1,6	6,4	0,01	90	0,24
830M-12-xxx-RL	20	-12	19,0	3/4	26,0	1,6	6,4	0,01	110	0,28
838M-4-RL	6	-4	6,3	1/4	11,2	1,6	6,4	0,01	30	0,10
838M-6-RL	10	-6	9,5	3/8	15,0	1,6	6,4	0,01	50	0,14
838M-8-RL	12	-8	12,7	1/2	19,1	1,6	6,4	0,01	70	0,18
838M-10-RL	16	-10	16,0	5/8	23,0	1,6	6,4	0,01	90	0,24
838M-12-RL	20	-12	19,0	3/4	26,0	1,6	6,4	0,01	110	0,28

xxx = hose colour (BLK, BLU, RED, GRN or GRY)
RL = packaging: 50 meters on a cardboard drum

