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Polyflex-Lok

21st century hose safety technology
for today's demanding applications



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ENGINEERING YOUR SUCCESS.

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21st century hose safety technology for today's demanding applications

Innovative design

Polyflex-Lok has been developed by Parker Polyflex to meet the requirements of today's water jetting applications. It uses the latest technology to provide a "state of the art" hose safety system. The hose connector as well as the pump/gun connector are now equipped with an improved design, based on the reliable quality of the former generation of Polyflex-Lok. The Polyflex-Lok hose assemblies are now also available without protective cover, and hose types with an additional outer cover for extra abrasion resistance and security are also available.

What is it?

Efficient and hassle free assembly – Quick connect & release hose connection system which also provides hose burst protection, while ranging in size from DN 5 (3/16") up to DN 12 (1/2"). One major benefit of the system is that it will only operate when full protection of the user is guaranteed. In addition, the Polyflex-Lok system is compliant with requirements determined in DIN EN 1829-2.

Product Features:

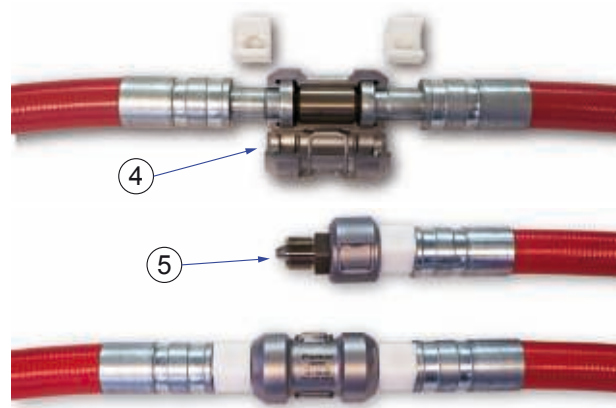
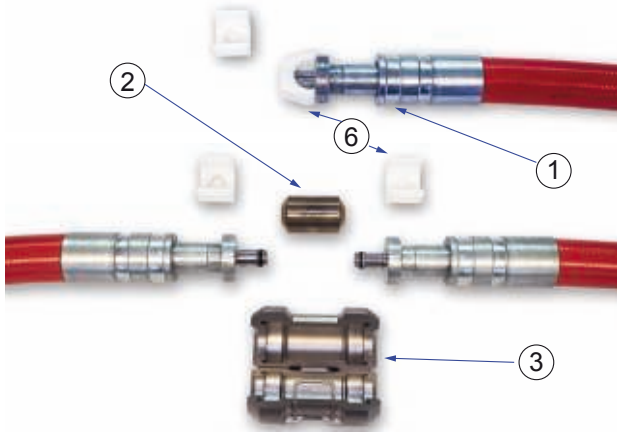
- **Wide range of hose types available from 1,000 up to 3,200 bar working pressure**
- **Hose sizes available from DN 5 up to DN 12**
- **Certified according to DIN EN 1829-2**
- **Easy, fast, comfortable & safe system**
- **Only 2 working parts needed**
- **Integrated safety system**
- **No spanners required**
- **Incorrect assembly & use impossible**
- **Design factor 2.5 times (burst pressure)**
- **Mechanical design factor 4 times (hose connection breaking load)**
- **Same parts can be used to connect different hose series (e.g. DN 3 and DN 5)**
- **Swivel function when system is not under pressure (rotary joints)**

Major Benefits:

- **Operator protection guaranteed – priceless**
- **Hose twisting eliminated – longer hose life**
- **Faster assembly / disassembly of hoses – more valuable working time**
- **Less wear on components – fewer part replacements necessary**
- **Less operator fatigue due to easy handling & compact design – increases efficiency**
- **In one word: SAFETY!**



Components:



Ref	Part Number	Description
1	1TM2X-8-03-HPK	Fitting for DN 5 hoses incl. caps
	1TM2X-8-05-HPK	Fitting for DN 8 hoses incl. caps
	1TMKY-8-05-HPK	Fitting for DN 8 hoses incl. caps
	1TMBL-9-08-HPK	Fitting for DN 12 hoses incl. caps
	1TMBS-9-08-HPK	Fitting for DN 12 hoses incl. caps
	1TMWX-9-08-HPK	Fitting for DN 12 hose incl. caps
2	TFTF-8-8	Hose connector bushing for DN 5 and DN 8
	TFTF-8-9	Hose connector bushing - connection DN 5 or DN 8 to DN 12
	TFTF-9-9	Hose connector bushing for DN 12
3	HPK-HS-8	Hose connector

Ref	Part Number	Description
4	HPK-HSP-8	Pump/gun connector
5	YTTF-6-8	Adapter M20 x 1.5 to DN 5 or DN 8
	YTTF-9-8	Adapter M26 x 1.5 to DN 5 or DN 8
	YTTF-9-9	Adapter M26 x 1.5 to DN 12
	YTTF-10-8	Adapter M30 x 2 to DN 5 or DN 8
	YTTF-10-9	Adapter M30 x 2 to DN 12
	YTTF-12-8	Adapter M42 x 2 to DN 5 or DN 8
	YTTF-12-9	Adapter M42 x 2 to DN 12
	Y6TF-6-8	Adapter 3/4 - 16UNF to DN 5 or DN 8
	Y6TF-9-8	Adapter 1 1/8 - 12UNF to DN 5 or DN 8
Y6TF-9-9	Adapter 1 1/8 - 12UNF to DN 12	
6	TMCAP-8	Cap DN 5 or DN 8
	TMCAP-9	Cap DN 12

Available Hose Types and Polyflex-Lok Pressure Rating:

Polyflex-Lok pressure rating for size -03/DN5: 3200 bar

Size	DN	Hose types
-03	DN5	2640D-03Vxx
		2740D-03Vxx
		2840D-03Vxx

Polyflex-Lok pressure rating for size -05/DN8: 3200 bar

Size	DN	Hose types
-05	DN8	2380N-05VxxW
		2640D-05Vxx
		2740D-05Vxx
		2748D-05Vxx
		2840D-05Vxx
		2848D-05Vxx
		2741D-05Vxx/xx
		2748D-05Vxx/xx
		2841D-05Vxx/xx

Polyflex-Lok pressure rating for size -08/DN12: 2500 bar

Size	DN	Hose types
-08	DN12	2388N-08Vxx
		2580N-08Vxx
		2840D-08Vxx
		2848D-08Vxx