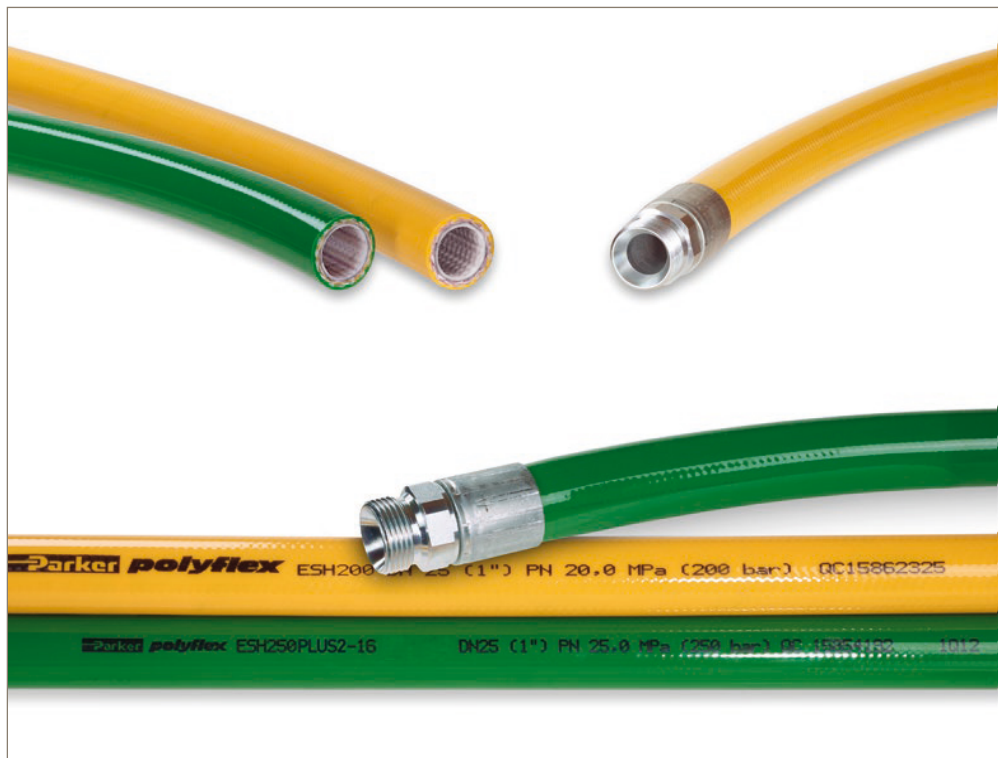


Thermoplastic Sewer Cleaning Hoses with 200 & 250 bar working pressure



Product highlights:

- All ESH sewer cleaning hose types are perfectly suited to be fitted on sewer cleaning vehicles with ready-to-install assemblies in the required lengths
- The full ESH product range is also available as bulk hose delivered on a reel
- Easy assembly of hose assemblies either in your workshop or directly on the sewer cleaning vehicle, with a Parkrimp/Karrykrimp crimper or a free adjustable workshop crimper



Contact:

www.parker.com/polyflex
polyflex@parker.com

Product features:

- 30% weight reduction compared to standard rubber hose
- Thermoplastic elastomers with an excellent abrasion and cut resistance
- Homogeneous bonding of the used raw materials between core tube, reinforcement and outer cover
- Resistance against hydrolysis, UV and microorganisms
- Compact fittings with pull out prevention
- Long lengths are available

Your benefits:

- Easier to reach the end of the sewer, less water usage during insertion and less fuel consumption
- Less wear and tear results in a reduction of maintenance costs
- Long life time due to an excellent outer cover bonding
- No aging of raw materials. Suitable for longer storage – longer usage and shelf life
- Operational readiness paired with highest reliability
- Time saving – sewer cleaning of more meters in a single cleaning procedure possible



ENGINEERING YOUR SUCCESS.

200 bar working pressure – ESH200



Technical data

Core tube:	Thermoplast
Pressure reinforcement:	High tensile synthetic fibre
Cover:	Polyurethane, yellow
Temperature range:	– 10°C up to + 50°C

#											
	DN	size	mm	inch	mm	MPa (bar)	psi	MPa (bar)	psi	mm	kg/m
ESH200-08	12	-08	12.4	1/2	21.2	20 (200)	2,900	50 (500)	7,250	100	0.23
ESH200-12	20	-12	19.0	3/4	29.4	20 (200)	2,900	50 (500)	7,250	125	0.40
ESH200-16	25	-16	25.3	1	36.6	20 (200)	2,900	50 (500)	7,250	150	0.59
ESH200-20	32	-20	31.9	1 1/4	46.0	20 (200)	2,900	50 (500)	7,250	225	0.89

Ready-to-install assemblies (further lengths available upon request)

#	Length (m)								Fittings	
	Standard								BSP female swivel	BSP male
	80	100	120	160	180	200	220	240		
ESH200-08	•	•	•	•	•	•	•	•	G 1/2	G 1/2
ESH200-12	•	•	•	•	•	•	•	•	G 3/4	G 3/4
ESH200-16	•	•	•	•	•	•	•	•	G 1	G 1
ESH200-20	•	•	•	•	•	•	•	•	G 1 1/4	G 1 1/4

250 bar working pressure – ESH250



Technical data

Core tube:	Thermoplast
Pressure reinforcement:	High tensile synthetic fibre
Cover:	Polyurethane, green
Temperature range:	– 10°C up to + 50°C

#											
	DN	size	mm	inch	mm	MPa (bar)	psi	MPa (bar)	psi	mm	kg/m
ESH250-08	12	-08	12.4	1/2	21.2	25 (250)	3,625	62.5 (625)	9,060	100	0.24
ESH250-12	20	-12	19.0	3/4	29.4	25 (250)	3,625	62.5 (625)	9,060	125	0.40
ESH250-16	25	-16	25.4	1	36.5	25 (250)	3,625	62.5 (625)	9,060	150	0.60
ESH250-20	32	-20	32.0	1 1/4	46.0	25 (250)	3,625	62.5 (625)	9,060	225	1.00

Ready-to-install assemblies (further lengths available upon request)

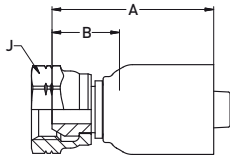
#	Length (m)								Fittings	
	Standard								BSP female swivel	BSP male
	80	100	120	160	180	200	220	240		
ESH250-08	•	•	•	•	•	•	•	•	G 1/2	G 1/2
ESH250-12	•	•	•	•	•	•	•	•	G 3/4	G 3/4
ESH250-16	•	•	•	•	•	•	•	•	G 1	G 1
ESH250-20	•	•	•	•	•	•	•	•	G 1 1/4	G 1 1/4

Ordering examples: ESH200-16-120 and ESH250-20-180

Fittings for ESH200 and ESH250

192EH/192ES – BSP female swivel (60° cone)

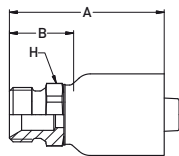
MATERIAL Steel, zinc plated



#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa (bar)	psi
192EH-08-08	12	-08	12.8	1/2	G 1/2	57	22	27	25 (250)	3,625
192EH-12-12	20	-12	19.6	3/4	G 3/4	61	22	32	25 (250)	3,625
192ES-16-16	25	-16	25.0	1	G 1	73	25	41	25 (250)	3,625
192ES-20-20	32	-20	32.0	1 1/4	G 1 1/4	80	32	50	25 (250)	3,625

1D9EH/1D9ES – BSP male

MATERIAL Steel, zinc plated



#						A	B			
	DN	size	mm	inch		mm	mm	mm	MPa (bar)	psi
1D9EH-08-08	12	-08	12.8	1/2	G 1/2	64	30	27	25 (250)	3,625
1D9EH-12-12	20	-12	19.6	3/4	G 3/4	72	33	32	25 (250)	3,625
1D9ES-16-16	25	-16	25.0	1	G 1	88	40	36	25 (250)	3,625
1D9ES-20-20	32	-20	32.0	1 1/4	G 1 1/4	93	45	50	25 (250)	3,625

Crimp your own hose assembly:

- The full ESH product range is also available as bulk hose delivered on a reel
- Easy assembly of hose assemblies either with a Parkrimp/Karrykrimp crimper or on a free adjustable crimper



Bulk hose is available in the following quantities:

#	m *	#	m *
ESH200-16-BULK-350	350	ESH250-08-BULK-500	500
ESH200-16-BULK-550	550	ESH250-16-BULK-350	350
ESH200-20-BULK-300	300	ESH250-16-BULK-550	550
		ESH250-20-BULK-350	350

* Bulk hose is not delivered in one continuous length. Minimum length of each hose length is 120m.

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