

Thermoplastic Sewer Cleaning Hoses Type ESH and ESH250



Product highlights:

- The thermoplastic hoses ESH and ESH250 are perfectly suited to be fitted on sewer cleaning vehicles
- 30% weight reduction compared to standard rubber hose
- Off-the shelf assemblies
- NEW!
Crimp your own assembly



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Product features:

- Thermoplastic elastomers with an excellent abrasion and cut resistance.
- Homogeneous bonding of the used rawmaterials between core tube, cover and pressure reinforcement.
- Resistance against hydrolisis, UV and microorganism.
- Compact fittings with pull out prevention.
- Long lengths up to 600 m.

Your benefits:

- Easier to reach the end of the sewer. Less water usage during the insertion.
- Less wear and tear
= less running costs.
- Easy handling combined with low volumetric expansion.
- No aging of rawmaterials. Suitable for longer storage.
- Ready to be used with the best reliability.



ENGINEERING YOUR SUCCESS.

ESH – Sewer cleaning hose



#												
	DN	size	mm	inch	mm	MPa	psi	MPa	psi	mm		
ESH-08	12	-08	12.7	1/2	20.6	20	2,900	50	7250	100	0.23	
ESH-12	20	-12	19.2	3/4	28.6	20	2,900	50	7250	125	0.37	
ESH-16	25	-16	25.3	1	36.6	20	2,900	50	7250	150	0.59	
ESH-20	32	-20	31.9	1 1/4	46.0	20	2,900	50	7250	225	0.89	

Specifications

Core tube:	Polyethylene compound, grey
Pressure reinforcement:	Two braided layers of high tensile synthetic fibre
Cover:	Polyurethane compound, yellow
Temperature range:	- 10°C up to + 50°C

ESH250 – Sewer cleaning hose



#												
	DN	size	mm	inch	mm	MPa	psi	MPa	psi	mm		
ESH250-08	12	-08	12.4	1/2	21.2	25	3,625	62.5	9,060	100	0.24	
ESH250-12	20	-12	19.0	3/4	28.6	25	3,625	62.5	9,060	125	0.40	
ESH250-16	25	-16	25.4	1	36.5	25	3,625	62.5	9,060	175	0.60	
ESH250-20	32	-20	32.0	1 1/4	46.0	25	3,625	62.5	9,060	225	1.00	

Specifications

Core tube:	Thermoplastic elastomere
Pressure reinforcement:	Two braided layers of high tensile synthetic fibre – homogenously connected
Cover:	Polyurethane, red
Temperature range:	- 10°C up to + 50°C

Off-the-shelf assemblies

#	Length (m)						Fittings	
	Standard					max.	BSP female swivel	BSP male
	80	100	120	160	180			
ESH250-08	•	•	•	•	•	500	G 1/2	G 1/2
ESH250-12	•	•	•	•	•	500	G 3/4	G 3/4
ESH250-16	•	•	•	•	•	500	G 1	G 1
ESH250-20	•	•	•	•	•	400	G 1 1/4	G 1 1/4

Available off-the-shelf standard assemblies refer to table above.

Ordering example: ESH250-12-160

Crimp your own assembly:

- ESH and ESH250 available as bulk hose on a drum
- Crimp on a Parkrimpsystem or on a free adjustable crimper

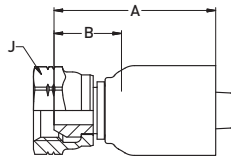


NEW

Fittings for ESH and ESH250

192EH – BSP female swivel (60° cone)

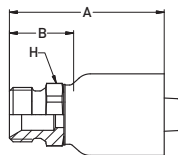
Material → Carbon steel, zinc plated



#						A	B			
	DN	size	mm	inch					MPa	psi
192EH-08-08	12	-08	12.8	1/2	G 1/2	57	22	27	25	3,625
192EH-12-12	20	-12	19.6	3/4	G 3/4	61	22	32	25	3,625
192EH-16-16	25	-16	25.0	1	G 1	55	25	41	25	3,625
192EH-20-20	32	-20	32.0	1 1/4	G 1 1/4	80	32	50	25	3,625

1D9EH – BSP male

Material → Carbon steel, zinc plated



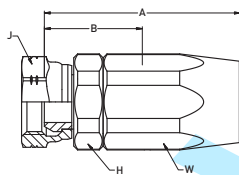
#						A	B			
	DN	size	mm	inch					MPa	psi
1D9EH-08-08	12	-08	12.8	1/2	G 1/2	64	30	27	25	3,625
1D9EH-12-12	20	-12	19.6	3/4	G 3/4	72	33	32	25	3,625
1D9EH-16-16	25	-16	25.0	1	G 1	72	42	41	25	3,625
1D9EH-20-20	32	-20	32.0	1 1/4	G 1 1/4	93	45	50	25	3,625

Field attachable fittings for ESH

292NC – BSP female swivel (60° cone)

Field attachable fitting for ESH

Material → Carbon steel, zinc plated

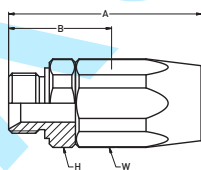


#						A	B					
	DN	size	mm	inch							MPa	psi
292NC-08-08	12	-08	12.8	1/2	G 1/2	77	37	27	27	27	17	2,465
292NC-12-12	20	-12	19.6	3/4	G 3/4	87	39	36	32	36	17	2,465
292NC-16-16	25	-16	25.0	1	G 1	100	50	46	46	46	17	2,465
292NC-20-20	32	-20	32.0	1 1/4	G 1 1/4	113	60	55	55	55	17	2,465

2D9NC – BSP male

Field attachable fitting for ESH

Material → Carbon steel, zinc plated



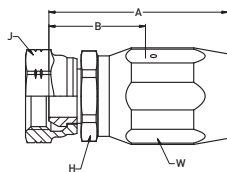
#						A	B				
	DN	size	mm	inch						MPa	psi
2D9NC-08-08	12	-08	12.8	1/2	G 1/2	75	35	27	27	17	2,465
2D9NC-12-12	20	-12	19.6	3/4	G 3/4	86	38	36	36	17	2,465
2D9NC-16-16	25	-16	25.0	1	G 1	100	50	46	46	17	2,465
2D9NC-20-20	32	-20	32.0	1 1/4	G 1 1/4	113	60	55	55	17	2,465

Field attachable fittings for ESH250

292EJ – BSP female swivel (60° cone)

Field attachable fitting for ESH250

Material → Carbon steel, zinc plated

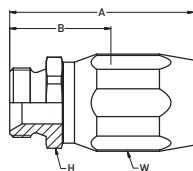


#						A	B					
	DN	size	mm	inch		mm	mm	mm	mm	mm	MPa	psi
292EJ-8-08	12	-08	12.8	1/2	G 1/2	71	33	27	27	27	18	2,610
292EJ-12-12	20	-12	19.6	3/4	G 3/4	82	37	32	32	36	18	2,610
292EJ-16-16	25	-16	25.0	1	G 1	89	48	41	41	46	18	2,610
292EJ-20-20	32	-20	32.0	1 1/4	G 1 1/4	112	59	50	50	55	18	2,610

2D9EJ – BSP male

Field attachable fitting for ESH250

Material → Carbon steel, zinc plated



#						A	B				
	DN	size	mm	inch		mm	mm	mm	mm	MPa	psi
2D9EJ-8-08	12	-08	12.8	1/2	G 1/2	70	32	27	27	18	2,610
2D9EJ-12-12	20	-12	19.6	3/4	G 3/4	83	38	32	36	18	2,610
2D9EJ-16-16	25	-16	25.0	1	G 1	91	50	41	46	18	2,610
2D9EJ-20-20	32	-20	32.0	1 1/4	G 1 1/4	112	59	50	55	18	2,610