

113 Ecology 250 HD Sewer cleaning hoses

INDUSTRIAL
AUTOMATION

GAS

FUEL

CHEMICALS

WATER

POWER WASH

ECOLOGY
SEWER
CLEANING

HORTITEC

WATER
DELIVERY

Thermoplastic constant pressure hose for high pressure sewer cleaning applications
Up to 250 bar (3600 psi)



FEATURES

Inner Tube

Thermoplastic polymer

Reinforcement

Two or three braids of synthetic fiber plus one special extra braid of synthetic fiber for cover integration

Cover

Polyurethane, red, non pinpricked, black ink-jet branding

Applications

- Modern sewer cleaning vehicles and applications requiring long lengths, high working pressure and low pressure drop
- Equipment used in high humidity environments

Features

- Red cover impregnated into braid reinforcement for optimum wear resistance and longevity
- Excellent crush and cut resistance
- Available in long lengths

- Even more lightweight
- Cover resistant against micro-biological attack
- Reduced bend radius
- Fast operating speeds
- Low pressure drop

Description

Heavy duty sewer cleaning hose suitable for 250 bar and temperatures ranging from -40°C to 60°C (-40°F to 140°F). Hose specifically designed for working in humid conditions without degrading ensuring increased lifetime. Available with BSP and/or NPT

fitting combinations. Other end terminations upon request. Not suitable for hydraulic applications. Factory made assemblies only; please contact our sales office for further details.

Temperature Range

-40°C to +60°C
(-40°F to +140°F)

APPLICATIONS



PACKAGING



Part No.	Hose size		ID		OD		WP		BP		Safety factor	Bend radius		Weight		Ferrule part no.		
	dash	inch	DN	mm	inch	mm	inch	bar	psi	bar		psi	mm	inch	g/m	lbs/ft	carbon	stainless
1135	-8	1/2"	12	13,00	0,512	22,30	0,878	250	3600	625	9000	2,5:1	75	2,95	290	0,195	SA5151	SA5851
1137	-12	3/4"	20	19,60	0,772	30,30	1,193	250	3600	625	9000	2,5:1	120	4,72	500	0,336	SA5171	SA5871
1138	-16	1"	25	25,60	1,008	39,60	1,559	250	3600	625	9000	2,5:1	155	6,10	800	0,538	SA5181	SA5881
1139	-20	1+1/4"	32	32,40	1,276	49,60	1,953	250	3600	625	9000	2,5:1	240	9,45	1230	0,827	SA5191	SA5891

ASSEMBLED HOSE PART NUMBER LIST



Part no.	Description	Fittings
EMEXXX	1/2" ECOLOGY 250 HD	1/2" M/F BSP
EMFXXX	1/2" ECOLOGY 250 HD	1/2" M/M NPT
EMQXXX	1/2" ECOLOGY 250 HD	1/2" M/F BSP - AISI A316L
EMRXXX	1/2" ECOLOGY 250 HD	1/2" M/M NPT - AISI A316L
ENGXXX	3/4" ECOLOGY 250 HD	3/4" M/F BSP
ENHXXX	3/4" ECOLOGY 250 HD	3/4" M/M NPT
ENSXXX	3/4" ECOLOGY 250 HD	3/4" M/F BSP - AISI A316L
ENTXXX	3/4" ECOLOGY 250 HD	3/4" M/M NPT - AISI A316L
EOIXXX	1" ECOLOGY 250 HD	1" M/F BSP
EOJXXX	1" ECOLOGY 250 HD	1" M/M NPT
EOUXXX	1" ECOLOGY 250 HD	1" M/F BSP - AISI A316L
EOVXXX	1" ECOLOGY 250 HD	1" M/M NPT - AISI A316L
EPKXXX	1+1/4" ECOLOGY 250 HD	1+1/4" M/F BSP
EPLXXX	1+1/4" ECOLOGY 250 HD	1+1/4" M/M NPT
EPWXXX	1+1/4" ECOLOGY 250 HD	1+1/4" M/F BSP - AISI A316L
EPXXX	1+1/4" ECOLOGY 250 HD	1+1/4" M/M NPT - AISI A316L



Part no.	Description	Fittings
FMEXXX	1/2" ECOLOGY 250 HD	1/2" M/F BSP
FMFXXX	1/2" ECOLOGY 250 HD	1/2" M/M NPT
FMQXXX	1/2" ECOLOGY 250 HD	1/2" M/F BSP - AISI A316L
FMRXXX	1/2" ECOLOGY 250 HD	1/2" M/M NPT - AISI A316L
FNGXXX	3/4" ECOLOGY 250 HD	3/4" M/F BSP
FNHXXX	3/4" ECOLOGY 250 HD	3/4" M/M NPT
FNSXXX	3/4" ECOLOGY 250 HD	3/4" M/F BSP - AISI A316L
FNTXXX	3/4" ECOLOGY 250 HD	3/4" M/M NPT - AISI A316L
FOIXXX	1" ECOLOGY 250 HD	1" M/F BSP
FOJXXX	1" ECOLOGY 250 HD	1" M/M NPT
FOUXXX	1" ECOLOGY 250 HD	1" M/F BSP - AISI A316L
FOVXXX	1" ECOLOGY 250 HD	1" M/M NPT - AISI A316L
FPKXXX	1+1/4" ECOLOGY 250 HD	1+1/4" M/F BSP
FPLXXX	1+1/4" ECOLOGY 250 HD	1+1/4" M/M NPT
FPWXXX	1+1/4" ECOLOGY 250 HD	1+1/4" M/F BSP - AISI A316L
FPXXX	1+1/4" ECOLOGY 250 HD	1+1/4" M/M NPT - AISI A316L

XXX = total length of the assembled hoses in meters (1mt = 3,28 ft)