TRANSFER OIL
Pure Fluid Attitude

113 - ECOLOGY 250 HD

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



FEATURES

Inner Tube

Thermoplastic polymer

Reinforcement

Up to three braids of synthetic fiber plus one special extra braid of synthetic fiber for cover integration

Cover

Polyurethane - red - non pinpricked - laser branding

Applications

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

Features

Red cover impregnated into braid reinforcement for optimum wear resistance and longevity - Available in long lengths - Excellent crush and cut resistance - Lightweight compared to rubber alternatives - Cover resistant against micro-biological attack - Reduced bend radius - High operating speeds

Description

Heavy-duty sewer cleaning hose suitable for temperatures ranging from -40 °C to +60 °C (-40 °F to +140 °F) - Specifically designed to operate in humid conditions without degrading, ensuring a longer service life - Available with BSP and/or NPT fitting combinations - Other end terminations upon request - Not suitable for hydraulic applications - Factory made assembly - Also available as loose coils: please, contact our sales office for further details.

Temperature Range

-40 °C to +60 °C (-40 °F to +140 °F)

Standard Branding

TRANSFER OIL - TO INDUSTRIAL - Part No - ECOLOGY 250 HD - SEWER CLEANING HOSE - Inch Size - DN Size - WP bar / psi - MADE IN ITALY - www.transferoil.com - QQ/YY - Batch No

Part no.	DN	Inches	Dash	ID (mm)	OD (mm)	WP (bar)	BP (bar)	ID (inch)	OD (inch)	WP (psi)	BP (psi)	SF	BR (mm)	BR (inch)	Weight (gr/m)	Weight (lb/ft)	Ferrule standard	Ferrule A316L
1135	DN12	1/2	-8	13.0	22.2	250	625	0.512	0.874	3600	9000	2.5:1	75	2.95	254	0.171	SA5151	SA5851
1137	DN20	3/4	-12	19.6	30.1	250	625	0.772	1.185	3600	9000	2.5:1	120	4.72	435	0.292	SA5171	SA5871
1138	DN25	1	-16	25.6	36.5	250	625	1.008	1.437	3600	9000	2.5:1	155	6.10	580	0.390	SA5181	SA5881
1139	DN32	1+1/4	-20	32.4	46.0	250	625	1.276	1.811	3600	9000	2.5:1	240	9.45	898	0.603	SA5191	SA5891
113T	DN38	1+1/2	-24	38.4	53.4	250	625	1.512	2.102	3600	9000	2.5:1	300	11.81	1154	0.775	SA51T1	SA58T1

Hose assembly - With hose reel

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
EPXXXX	1 1/4" ECOLOGY 250 HD	1 1/4" M/M NPT - AISI A316L
E82XXX	1 1/2" ECOLOGY 250 HD	1 1/2" M/F BSP
E83XXX	1 1/2 ECOLOGY 250 HD	1 1/2" M/M NPT
	XXXtotal lenght of the assembled hose in meters (1mt = 3,28 ft)	

Hose assembly - Without hose reel

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
FPXXXX	1 1/4" ECOLOGY 250 HD	1 1/4" M/M NPT - AISI A316L
	XXXtotal lenght of the assembled hose in meters (1mt = 3,28 ft)	

Dimensions and values shown may be changed without prior notice to improve product performances and reliability.
Transfer Oil S.p.A. assumes no liability on mistakes nor errors appearing in this spec sheet.
Document date: 27/11/2026
www.transferoil.com