

DEF TRANSFER HOSE - HAND-BUILT



Product Specification

Application

Diesel Exhaust Fluid (DEF: aqueous 32.5% nitrogen solution of high-purity urea in de-ionized water) is a key component of selective catalytic reduction (SCR) systems, which help diesel vehicles meet stringent emission regulations effective January 1, 2010. DEF is a liquid reducing agent that reacts with engine exhaust in the presence of a catalyst to convert smog-forming nitrogen oxides (NOx) into harmless nitrogen and water vapor.

Continental DEF Transfer Hose is specifically designed to convey the high-purity, aqueous urea solution DEF. Hose tube compound is specially formulated with low extraction EPDM and peroxide cured to provide superior extraction levels to significantly reduce contamination. Flexible softwall construction provides superior handling in standard transferring and reeling applications. Static wire available for installation in Class I, Division 1 areas.

Construction Tube

- Pliosyn™ Ultra High Molecular Weight Polyethylene (UHMWPE) with proprietary backing. Tube tested per ISO 22241-2 immersion test at independent lab to confirm compatibility with DEF aqueous solution.

Cover

- Black corrugated EPDM

Reinforcement

- Spirallyplied synthetic fabric with double wire hel

Temperature Range

- -40 F / -40 C ~ 150 F / 66 C

Packaging

Bulk

Branding Spiral

CONTINENTAL DEF TRANSFER HOSE MADE IN CANADA

Coupling

Refer to the Continental Industrial Hose Assembly Manual for crimp specifications.

DEF TRANSFER HOSE - HAND-BUILT #MAINIMAGE#

Order Codes: 546-552

ID	ID	OD	OD	Length	Color	Bend	Bend	Vacuum	Vacuum	WP	WP	Weight	Weight	Part
(in)	(mm)	(in)	(mm)	(ft)		Radius	Radius	HG	HG	(PSI)	(MPa)	(lbs/ft)	(kg/m)	Number
						(in.)	(mm)	(in.)	(mm)					
1	25.40	1.45	36.90	100	Black	4	102	29	737	200	1.38	0.56	0.836	20741106
1-1/4	32.00	1.65	42.10	100	Black	4.5	114.3	29	737	200	1.38	0.62	0.93	
1-1/2	38.10	1.95	49.60	100	Black	5	127	29	737	200	1.38	0.79	1.168	20738416
2	50.80	2.52	63.90	100	Black	6	152	29	737	200	1.38	1.13	1.674	20738464
3	76.20	3.61	91.70	100	Black	9	229	29	737	200	1.38	2.03	3.022	20738465
4	101.60	4.62	117.40	100	Black	14	350	29	737	200	1.38	2.67	3.97	20745902