

DEF Dispensing Hose



Product Specifications

Application

Diesel Exhaust Fluid (DEF: aqueous 32.5% nitrogen solution of high-purity urea in deionized 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.

ContiTech DEF Dispensing 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 dispensing and reeling applications. Static wire available for installation in Class I, Division 1 areas.

Construction

> Tube

Specially formulated low-extraction EPDM, peroxide cured

> Cover

Specially formulated EPDM

> Reinforcement

Textile braid

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Packaging

Bulk, coupled assemblies (NPT and BSPP fittings available)

Branding

Example: Continental ContiTech DEF Dispensing Hose 3/4" (19.1 mm) Made in USA

Couplings

Available in factory-coupled assemblies.

Order Codes

532-027

DEF Dispensing Hose

SAP #	ID	Nom. OD		Max. WP		Weight		
		in.	mm	in.	mm	psi	MPa	lb./ft.
20554236	1/2	12.7	0.89	22.6	250	1.72	0.21	0.31
20528917	3/4	19.1	1.13	28.8	250	1.72	0.30	0.46
20686517	1	25.4	1.45	36.8	250	1.72	0.42	0.62

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling

Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum

Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix