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

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SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
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

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