

PRODUCT UPDATE

543-227 PALADIN DROP HOSES

Improved flexibility, lighter weight



Following the successful branding update in 2017, Continental ContiTech is pleased to announce that the Paladin Drop hoses have been redesigned for lighter weight and improved flexibility.

New Design vs Original Design		
Sizes	Weight	Force To Bend
2"	-9.5%	-
3"	-14.0%	-21.4%
4"	-9.1%	-13.0%

Production for the new design begins on January 29, 2018. This running change will have no effect on part numbers. Old construction will be on inventory until stock is depleted.

The Paladin Drop hoses are used to transfer bio-diesel and ethanol blends, gasoline and other petroleum products under pressure, gravity flow or medium suction at ambient temperature. Its outer PVC helix provides abrasion resistance and a low coefficient of friction, with anti-static wire. Use ContiTech Instalock couplings for assemblies.

We look forward to continue to serve our customers as we implement these product improvements. Thank you for your continued support for our Industrial hose and fitting products.

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Paladin Drop Hose

Application: Designed as a lightweight, flexible hose to transfer biodiesel, ethanol blends, gasoline & other petroleum products under pressure, gravity flow or medium suction (up to 23” Hg) at ambient temperature. Maximum aromatic content 60%. Its outer PVC helix provides abrasion resistance & low coefficient of friction

Construction:

- Tube:** Black Nitrile synthetic rubber (static dissipating)
- Cover:** Black Chemivic synthetic rubber with single orange PVC outer helix
- Reinforcement:** Synthetic fabric plies –Safety factor: 4:1

Temperature Range: -40°F to 160°F (-40°C to 71°C)

Branding: Continental ContiTech Paladin® Drop Hose (Date Code). Made in Canada

Packaging: 100’ lengths, coiled & bagel pack

Couplings: Use ContiTech Instalock Fittings – updated crimp specs available.

Order Code: 543-227

SAP	Size	I.D.		O.D.		W.P.		B.R.		Vacuum HG		Weight	
	(in)	(in)	(mm)	(in)	(mm)	(PSI)	(MPa)	(in)	(mm)	(in)	(mm)	(Lb/ft)	(Kg/m)
20130856	2	2.000	50.8	2.833	72.0	150	1.03	2.0	51	23.0	584	0.93	1.389
20130857	3	3.000	76.2	3.850	97.8	150	1.03	3.0	76	23.0	584	1.39	2.071
20131000	4	4.000	101.6	4.833	122.8	75	0.52	5.0	127	23.0	584	1.75	2.601

Crimp Specs are updated – see new INH Assembly Manual