

Why **replace spiral hose** with Aeroquip EC881 Dynamax[®] two wire braided hose?

EC881 two wire braid hose vs 100R12 four wire spiral hose



EC881 two wire braided hose vs SAE100R12 spiral hose			
		Premium EC881 two wire braid hose	Standard four wire 100R12 spiral hose
Pressure		EC881 hose	SAE 100R12 Spiral hose
Hose sizes	-6	5,800	4,000
	-8	5,220	4,000
	-10	5,075	4,000
	-12	4,785	4,000
	-16	4,060	4,000
Bend Radius		EC881 hose	Spiral hose
Hose sizes	-6	1.65	4.92
	-8	2.36	7.09
	-10	2.68	7.87
	-12	3.15	9.45
	-16	5.91	11.81
Weight		EC881 hose	Spiral hose
Hose sizes	-6	.28	.47
	-8	.39	.59
	-10	.50	.70
	-12	.69	.90
	-16	.99	1.20
Temperature		EC881 hose	Spiral hose
All sizes		-50° F to 260° F (-46° C to 126° C)	-40° F to 248° F (-40° C to 120° C)
Impulse life		EC881 hose	Spiral hose
All sizes		1,000,000 impulse cycles	500,000 impulse cycles
Fittings		EC881 hose	Spiral hose
All sizes		1A series braided fittings	Spiral fittings

Feature	Benefit	Feature	Benefit
Lighter weight	Lighter hose reduces overall machine weight for more fuel efficient machines	One million impulse cycles	Longer hose life, more application options & improved safety factors
Better flexibility & 1/3 bend radius	Easier to route/replace and requires less hose overall	Dura-Tuff [®] premium abrasion cover	8x higher abrasion resistance for longer hose life, more application options & improved safety factors
High pressure rating	Longer hose life, more application options & improved safety factors	Higher operating temperature	Longer hose life, more application options & improved safety factors
1A series fittings	Lower cost than spiral fittings and minimizes inventory by eliminating the need to stock spiral fittings		



reduced cost



reduced weight



better flexibility



higher pressure rating



higher operating temp



5x more impulse life



8x higher abrasion resistance



Any information, including, but not limited to information on selection of product, its application or use, product design, weight, dimensions, capacity or any other technical data in product manuals, catalogues descriptions, advertisements, etc. and whether made available in writing, orally, electronically, online or via download, shall be considered informative, and is only binding if and to the extent, explicit reference is made in a quotation or order confirmation. Danfoss cannot accept any responsibility for possibly errors in catalogues, brochures, videos and other material. Danfoss reserves the right to alter its products without notice. This also applies to products ordered but not delivered provided that such alterations can be made without changes to form, fit or function of the product. All trademarks in this material are property of Danfoss A/S or Danfoss group companies. Danfoss and the Danfoss logo are trademarks of Danfoss A/S. All rights reserved.