

### Aeroquip premium core hoses

Core | Premium | Braided

Hose	Inner Tube:	Reinforcement:	Cover:			
Agency specifications:	ABS   DNV   MSHA   USCG					
Certifications:	Meets or exceeds: SAE 100R17   SAE 100R1 EN 857 Type 1SC performance   ISO 1436 1SN   ISO 18752					

Operating temperature:	-46°C to +126°C (-50°F to +260°F)
Qualified fittings:	1A series   1R series (-4, -6, -8, -12, -16)

Core | Premium | Braided

# **EC881** Premium Dynamax® ultra-performance two wire braided hose



Core | Premium | Braided

## **GH781** Core premium two wire braided hose



Core | Premium | Spiral

Aeroquip by Danfoss	GH425		
Certifications:	Exceeds: EN 856 45	SP	
Agency specifications:	ABS   DNV   MSH	A	
	Inner Tube:	Reinforcement:	Cover:
Hose construction:	Nitrile	Four wire spiral	Dura-Tuff premium abrasion
Operating temperature:	-40°C to +100°C (-	40°F to +212°F)	
Qualified fittings:	1T series (-6 to -10)	4S series (-12 to -16)	

Core | Premium | Spiral

## **GH506** Premium four wire spiral hose

eroquip by Dai	nfoss GH506		
Certifications:	Meets or exceed	ds: EN 856 Type 4SH   ISO 187	52   ISO 3862 Type 4SI
Agency specifications:	DNV   MSHA	USCG	
	Inner Tube:	Reinforcement:	Cover:
Hose construction:	Nitrile	Four wire spiral	Dura-Tuff premium abrasion
Operating temperature:	-40°C to +100°C	(-40°F to +212°F)   Short term	m to +120° C (+248° F)

FC500 Premium X-Flex® four & six wire spiral hose

Certifications:	Exceeds: SAE 100	Exceeds: SAE 100R13   EN 856   ISO 3862   ISO 18752				
Agency specifications:	DNV   MSHA	USCG				
	Inner Tube:	Reinforcement:	Cover:			
Hose construction:	Nitrile	Four wire spiral (-12 to -24) Six wire spiral (-32)	Dura-Tuff premium abrasion			
Operating temperature:	-40°C to +127°C	(-40°F to +260°F)				
Qualified	4S series (-12 to -24)   6S series (-32)					

Premium Abrasion

Certifications:	Exceeds: SAE 100R15	EN 856 R13	
Agency specifications:	ABS   DNV   MSHA		
	Inner Tube:	Reinforcement:	Cover:
Hose construction:	Nitrile	Six wire spiral	Dura-Tuff premium abrasion

Operating

temperature:

### **EC850** Premium Dynamax® ultra-performance four & six wire spiral hose

-40°C to +121°C (-40°F to +250°F)

6S series (-20 to -24) | 1W series (-20 to -32)



Core | Premium | Spiral

Qualified

fittings:

# **EC600** Premium X-Flex® four & six wire spiral hose

1W series (-10 to -20)

eroquip by Danfoss	EC600			
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Certifications:	Meets or exceeds: SAE 100R15   EN 856 4SH   EN 856 R13   ISO 18752				
Agency specifications:	ABS   DNV   MSHA   USCG				
	Inner Tube:	Reinforcement:	Cover:		
Hose construction:	Dura-Pulse® patented inner tube	Four wire spiral (-12 to -16) Six wire spiral (-20 to -32)	Dura-Tuff premium abrasion		
Operating temperature:	-40°C to +127°C (-40°F to +260°F)				
Qualified fittings:	4S series (-12 to -16)	6S series (-20 to -32)   1W se	ries		

### GH493 Core premium four wire spiral hose

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<b>= △</b> e	roquip	by Danfoss	GH493						

Certifications:	Exceeds: SAE 100R12   EN 856 R12   ISO 18752   ISO 3862				
Agency specifications:	ABS   DNV   MSHA	USCG			
	Inner Tube:	Reinforcement:	Cover:		
Hose construction:	Nitrile	Four wire spiral	Dura-Tuff® premium abrasion		
Operating temperature:	-40°C to +126°C (-40	)°F to +260°F)			
Qualified	4S series				

### Danfoss Intelligent Layline, fittings & MatchMate® system: Match fittings to hose with ease.

### Intelligent layline

Aeroquip premium high-temp core hose

Core | Premium | Braided | High-Temp

Certifications:

specifications:

construction:

Operating

Qualified

fittings:

temperature:

specifications:

construction:

temperature:

specifications:

construction

Operating

Qualified

fittings:

temperature:

Operating

Qualified

fittings:

Core | Premium | Braided | High-Temp

Agency

Hose

high-temp core hoses

FC510 Premium AQP high-temp HI-PAC one wire braided hose

Meets: EN 857 1SC

DNV | MSHA | USCG

-40°C to +149°C (-40°F to +300°F)

1A series (-4 to -32, excluding -10)

Meets: SAE 100R2 | EN 853 2SN | ISO 1436 2SN

ABS | DNV | MSHA | USCG

-40°C to +150°C (-40°F to +302 °F)

Inner Tube: Reinforcement:

AQP Elastomer | Four wire spiral (-12 to -24) | Blue AQP

**Phosphate-ester base fluids:** -40°C To +82°C (-40°F To +180°F)

**Typical fluids:**  $-40^{\circ}$ C To  $+150^{\circ}$ C ( $-40^{\circ}$ F To  $+302^{\circ}$ F)

Inner Tube:

**GH195** Premium AQP high-temp two wire braided hose

AQP elastomer

1A series

**EC525** Premium AQP™ high-temp four wire spiral hose

4S series

Core | Premium | Spiral | High-Temp

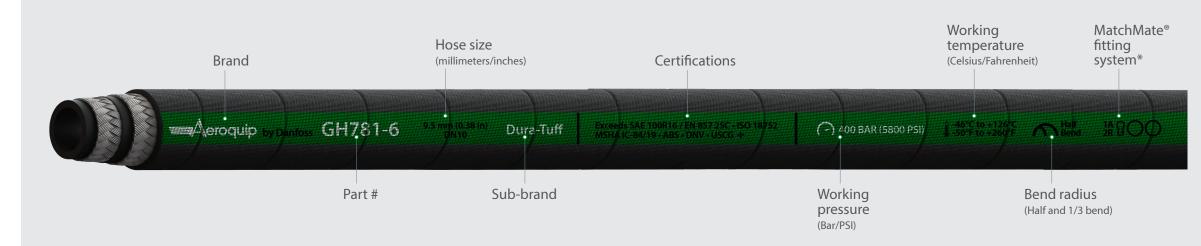
AQP Elastomer

Reinforcement: Cover:

Reinforcement: Cover:

Two wire braid AQP high-temp

One wire braid



Aeroquip premium

Core | Premium | Braided | Low-Temp

Certifications:

specifications:

construction:

Operating

Qualified

fittings:

temperature:

specifications:

construction:

Operating

Qualified

temperature:

Core | Premium | Suction

specifications:

construction:

Operating

fittings:

temperature:

Hose

low-temp core hoses

**GH120** Premium low-temp two wire braided hose

Proprietary

low-temp

1A series

EC810 Premium low-temp four & six wire spiral hose

Core | Premium | Spiral | Low-Temp

Exceeds: SAE 100R16 | EN 857 2SC | ISO 11237

-57°C to +100°C (-70°F to +212°F)

Reinforcement: Cover:

Two wire braid

Meets or exceeds: SAE 100R15 | EN 856 4SH performance

Four wire spiral (-12 to -16) Nitrile

Helical wire between two textile Dura-Tuff

premium abrasion

Six wire spiral (-20 to -32)

 $-57^{\circ}$ C to  $+100^{\circ}$ C ( $-70^{\circ}$ F to  $+212^{\circ}$ F)

Aeroquip premium

suction core hoses

FC619 Premium suction & return hose

**Certifications:** Exceeds: SAE 100R4 | EN 45545

AQP

elastomer reinforcement layers

 $-40^{\circ}$ C to  $+135^{\circ}$ C ( $-40^{\circ}$ F to  $+275^{\circ}$ F)

1A series (-12 to -32) | 1G series (-12 to -32)

4S series (-12 to -16) | 6S series (-20 to -32)

Dura-Tuff®

premium abrasion

# MatchMate System

Braided hose: Fitting part number: 1A on the layline should pair with a 1A on the fitting

One **O** on the layline will match with one ring on fitting designating one wire braided hose. Double **OO** on the layline will match with two rings on fitting designating two wire braided hose.

Aeroquip premium Bruiser®

GH681B Premium Bruiser ultra-abrasion one wire braided hose

Meets or exceeds: SAE 100R17 | SAE 100R1

 $-46^{\circ}$ C to  $+126^{\circ}$ C (-50°F to  $+260^{\circ}$ F)

1A series | 1R series (-4, -6, -8, -12, -16)

EN 857 Type 1SC performance | ISO 1436 1SN | ISO 18752

One wire braid

Reinforcement: Cover:

ultra-abrasion

ultra-abrasion core hoses

Core | Premium | Braided | Abrasion

specifications:

construction:

temperature:

Certifications:

specifications:

construction:

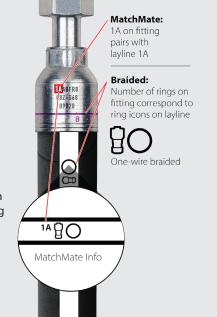
temperature:

Qualified

fittings:

Operating

eroquip by Danfoss GH681B



### Fitting part number: A 4S or 6S on the layline should pair with a 4S or 6S on the fitting

A 4S on layline should pair with four rings on fitting designating four wire spiral hose. A 6S on layline will match with six rings on fitting designating six wire spiral hose.





# Winner™ standard core hoses

### Core | Standard | Braided

Wini	ner by Danfoss E	C115				
Certifications:	Meets: SAE 10	DR1   EN 857 Type 1SC				
Agency specifications:	DNV   MSHA   USCG					
Harr	Inner Tube:	Reinforcement:	Cover:			
Hose construction:	Nitrile	One wire braid	Nitrile			

-40°C to +100°C (-40°F to +212°F)

**Fittings:** 1A series | 2-piece Winner | 1R field attachable (-4, -6, -8, -12, -16)

temperature:

fittings/socket:

Qualified

### Core | Premium | Braided | Abrasion **EC881B** Premium Dynamax® Bruiser ultra-abrasion ultra-performance two wire braided hose

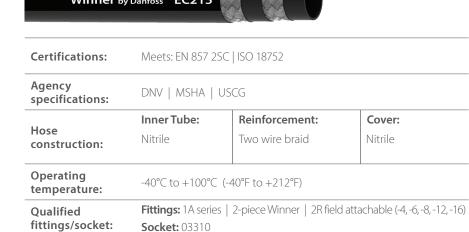
oy Danfoss EC8	881B		Winner <sub>b</sub>	y Danfoss EC215	
Exceeds: SAE 100R	16   SAE 100R19   EN 85	7 2SC   ISO 18752	Certifications:	Meets: EN 857 2	SC   ISO 18752
abs   dnv   msh	IA		Agency specifications:	DNV   MSHA	USCG
Inner Tube:	Reinforcement:	Cover:		Inner Tube:	Reinforcen
Dura-Pulse® patented tube	Two wire braid	Bruiser ultra-abrasion	Hose construction:	Nitrile	Two wire b
-46°C to +126°C (-50°F to +260°F) -46° C to +70° C (-50 to +158° F) for water based hyd. fluids		Operating temperature:	-40°C to +100°C	(-40°F to +212°	
0° C to +70° C (+32	2°F to 158° F) for water		Qualified	Fittings: 1A series	s   2-piece Winne
1 A			fittings/socket:	<b>Socket:</b> 03310	
1A series					

Core | Premium | Spiral | Abrasion

### **GH425B** Premium Bruiser ultra-abrasion four wire spiral hose

<b>≕</b> Aeroquip	b by Danfoss GH425B			
Certifications:	Exceeds: EN 856 4	SP		
Agency specifications:	ABS   DNV   MSF	HA.		
	Inner Tube:	Reinforcement:	Cover:	
lose construction:	Nitrile	Four wire spiral	Bruiser ultra-abrasion	
Operating emperature:	-40°C to +100°C (	-40°C to +100°C (-40°F to +212°F)		
Qualified	4S series   1T seri	es		

### Core | Standard | Braided EC215 Standard two wire braided hose



Core | Standard | Spiral

Certifications:	Meets: EN 856 4SP		
Agency specifications:	MSHA		
	Inner Tube:	Reinforcement:	Cover:
Hose construction:	Nitrile	Four wire spiral	Nitrile
Operating temperature:	-40°C to +100°C (-40°F to +212°F)		
Qualified fittings:	4S series (-12 to -20)   1T series (-6 to -10)   2-piece Winner		

Core | Standard | Spiral

# EC512 Standard four wire spiral hose



Certifications:	Meets: EN 856 Type 4SH		
Agency specifications:	DNV   MSHA		
	Inner Tube:	Reinforcement:	Cover:
Hose construction:	Nitrile	Four wire spiral	Nitrile
Operating temperature:	-40°C to +100°C (-40°F to +212°F)		
Qualified fittings:	4S series		

# EC420 Standard four & six wire spiral hose

Core | Standard | Spiral

Certifications:	Meets: SAE 100R13   EN 856 R13   ISO 18752		
Agency specifications:	DNV   MSHA   USCG		
Hose construction:	Inner Tube:	Reinforcement:	Cover:
	Nitrile	Four wire spiral (-12, -16) Six wire spiral (-20 to -32)	Nitrile
Operating temperature:	-40°C to +121°C (-40°F to +250°F)		
0 1:0 1			

4S series (12, -16) | 6S series (-20 to -32)

Core | Standard | Spiral

# EC615 Standard four & six wire spiral hose

Certifications:	Meets: SAE 100R15   EN 856 R13   ISO 19752		
Agency specifications:	DNV   MSHA		
	Inner Tube:	Reinforcement:	Cover:
Hose construction:	Nitrile	Four and six wire spiral	Nitrile
Operating temperature:	-40°C to +100°C (-40°F to +212°F)		
Qualified fittings/socket:	<b>Fittings:</b> 4S series (-16)   6S series (-20 to -24)		

# Core | Standard | Suction

**Socket:** 03310



Agency specifications:	MSHA				
	Inner Tube:	Reinforcement:	Cover:		
Hose construction:	Oil-resistant NBR	Textile with helical & anti-static wire	Nitrile		
Operating temperature:	-40°C to +100°C (-40°F to +212°F)				
Qualified fittings/socket:	Fittings: • 1A (-12 to -32), 1G (-12 to -32) • Winner 2 pc series: (-12 to -32) • Hose barb with band clamps: -12 thru -48 with a reduced operating pressure rating of 4 bar (60 psi)				

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