

**Aeroquip premium core hoses**

**GH681** Core premium one wire braided hose

<b>Certifications:</b>	Meets or exceeds: SAE 100R17   SAE 100R1 EN 857 Type 15C performance   ISO 1436 15N   ISO 18752		
<b>Agency specifications:</b>	ABS   DNV   MSHA   USCG		
<b>Hose construction:</b>	<b>Inner Tube:</b> Nitrile	<b>Reinforcement:</b> One wire braid	<b>Cover:</b> Dura-Tuff® Premium Abrasion
<b>Operating temperature:</b>	-40°C to +126°C (-50°F to +260°F)		
<b>Qualified fittings:</b>	1A series   1R series (-4, -6, -8, -12, -16)		

**GH781** Core premium two wire braided hose

<b>Certifications:</b>	Meets or exceeds: SAE 100R16   EN 857 25C   ISO 18752   ISO 11237		
<b>Agency specifications:</b>	ABS   DNV   MSHA   USCG		
<b>Hose construction:</b>	<b>Inner Tube:</b> Nitrile	<b>Reinforcement:</b> Two wire braid	<b>Cover:</b> Dura-Tuff® premium abrasion
<b>Operating temperature:</b>	-40°C to +126°C (-50°F to +260°F)		
<b>Qualified fittings:</b>	1A series   2R series (-4, -6, -8, -12 & -16)		

**EC881** Core premium Dynamax® ultra-performance two wire braided hose

<b>Certifications:</b>	Exceeds: SAE 100R16   SAE 100R19   EN 857 25C   ISO 18752		
<b>Agency specifications:</b>	ABS   DNV   MSHA		
<b>Hose construction:</b>	<b>Inner Tube:</b> Dura-Pulse® patented tube	<b>Reinforcement:</b> Two wire braid	<b>Cover:</b> Dura-Tuff® premium abrasion
<b>Operating temperature:</b>	-40°C to +126°C (-50°F to +260°F) -40°C to +70°C (-50 to +158°F) for water based hyd. fluids 0° C to +70° C (+32°F to 158° F) for water		
<b>Qualified fittings:</b>	1A series		

**GH493** Core premium four wire spiral hose

<b>Certifications:</b>	Exceeds: SAE 100R12   EN 856 R12   ISO 18752   ISO 3862		
<b>Agency specifications:</b>	ABS   DNV   MSHA   USCG		
<b>Hose construction:</b>	<b>Inner Tube:</b> Nitrile	<b>Reinforcement:</b> Four wire spiral (-12 to -24)	<b>Cover:</b> Dura-Tuff® premium abrasion
<b>Operating temperature:</b>	-40°C to +126°C (-40°F to +260°F)		
<b>Qualified fittings:</b>	4S series		

**FC500** Core premium X-Flex® four & six wire spiral hose

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

**EC600** Core premium X-Flex® four & six wire spiral hose

<b>Certifications:</b>	Meets or exceeds: SAE 100R15   EN 856 45H   EN 856 R13   ISO 18752		
<b>Agency specifications:</b>	ABS   DNV   MSHA   USCG		
<b>Hose construction:</b>	<b>Inner Tube:</b> Dura-Pulse® patented inner tube	<b>Reinforcement:</b> Four wire spiral (-12 to -16) Six wire spiral (-20 to -32)	<b>Cover:</b> Dura-Tuff® premium abrasion
<b>Operating temperature:</b>	-40°C to +127°C (-40°F to +260°F)		
<b>Qualified fittings:</b>	4S series (-12 to -16)   6S series (-20 to -32)   1W series		

**Aeroquip premium high-temp core hoses**

**GH194** Core premium high-temp one wire braided hose

<b>Certifications:</b>	Meets: SAE 100R1   EN 853 15N   ISO 1436		
<b>Agency specifications:</b>	ABS   DNV   MSHA		
<b>Hose construction:</b>	<b>Inner Tube:</b> AQP Elastomer	<b>Reinforcement:</b> One wire braid	<b>Cover:</b> AQP High-temp
<b>Operating temperature:</b>	-40°C to +150°C (-40°F to +302°F)		
<b>Qualified fittings:</b>	1A series		

**GH195** Core premium high-temp two wire braided hose

<b>Certifications:</b>	Meets: SAE 100R2   EN 853 25N   ISO 1436 25N		
<b>Agency specifications:</b>	ABS   DNV   MSHA   USCG		
<b>Hose construction:</b>	<b>Inner Tube:</b> AQP elastomer	<b>Reinforcement:</b> Two wire braid	<b>Cover:</b> AQP High-temp
<b>Operating temperature:</b>	-40°C to +150°C (-40°F to +302°F)		
<b>Qualified fittings:</b>	1A series		

**EC525** Core premium AQP™ high-temp four & six wire spiral hose

<b>Agency specifications:</b>	DNV   MSHA		
<b>Hose construction:</b>	<b>Inner Tube:</b> AQP Elastomer	<b>Reinforcement:</b> Four wire spiral (-12 to -24) Six wire spiral (-32)	<b>Cover:</b> AQP High-temp
<b>Operating temperature:</b>	<b>Typical fluids:</b> -40°C To +149°C (-40°F To +300°F) <b>Phosphate-ester base fluids:</b> -40°C To +82°C (-40°F To +180°F)		
<b>Qualified fittings:</b>	4S series   6S series		

**Aeroquip premium low-temp core hoses**

**GH120** Core premium low-temp two wire braided hose

<b>Certifications:</b>	Exceeds: SAE 100R16   EN 857 25C   ISO 11237		
<b>Agency specifications:</b>	MSHA		
<b>Hose construction:</b>	<b>Inner Tube:</b> Proprietary low-temp	<b>Reinforcement:</b> Two wire braid	<b>Cover:</b> Dura-Tuff® premium abrasion
<b>Operating temperature:</b>	-57°C to +100°C (-70°F to +212°F)		
<b>Qualified fittings:</b>	1A series		

**EC810** Core premium low-temp four & six wire spiral hose

<b>Certifications:</b>	Meets or exceeds: SAE 100R15   EN 856 45H performance		
<b>Agency specifications:</b>	MSHA		
<b>Hose construction:</b>	<b>Inner Tube:</b> Nitrile	<b>Reinforcement:</b> Four wire spiral (-12 to -16) Six wire spiral (-20 to -32)	<b>Cover:</b> Nitrile
<b>Operating temperature:</b>	-57°C to +100°C (-70°F to +212°F)		
<b>Qualified fittings:</b>	4S series (-12 to -16)   6S series (-20 to -32)		

**Aeroquip premium Bruiser® ultra-abrasion core hoses**

**FC839B** Core premium Bruiser® ultra-abrasion one wire braided hose

<b>Certifications:</b>	Meets or exceeds: SAE 100R17   ISO 18752		
<b>Agency specifications:</b>	MSHA		
<b>Hose construction:</b>	<b>Inner Tube:</b> Nitrile	<b>Reinforcement:</b> One wire braid (-04 to -08) Two wire braid (-10 to -16)	<b>Cover:</b> Bruiser® ultra-abrasion
<b>Operating temperature:</b>	-40°C to +100°C (-40°F to +212°F)		
<b>Qualified fittings:</b>	1A series		

**FC735** Core premium Bruiser® ultra-abrasion one & two wire braided hose

<b>Certifications:</b>	Exceeds: SAE 100R16   EN 857 25C   ISO 18752   ISO 11237		
<b>Agency specifications:</b>	ABS   DNV   MSHA		
<b>Hose construction:</b>	<b>Inner Tube:</b> Nitrile	<b>Reinforcement:</b> Two wire braid	<b>Cover:</b> Bruiser® ultra-abrasion
<b>Operating temperature:</b>	-40°C to +126°C (-40°F to +260°F)		
<b>Qualified fittings:</b>	1A series		

**FC736** Core premium Bruiser® ultra-abrasion four wire spiral hose

<b>Certifications:</b>	Exceeds: SAE 100R12   EN 856 R12   ISO 18752		
<b>Agency specifications:</b>	ABS   DNV   MSHA		
<b>Hose construction:</b>	<b>Inner Tube:</b> Nitrile	<b>Reinforcement:</b> Four wire spiral	<b>Cover:</b> Bruiser® ultra-abrasion
<b>Operating temperature:</b>	-40°C to +121°C (-40°F to +250°F)		
<b>Qualified fittings:</b>	4S series		

**FC273B** Core premium Bruiser® ultra-abrasion four & six wire spiral hose

<b>Certifications:</b>	Exceeds: SAE 100R13   EN 856 R13   ISO 3862   ISO 18752		
<b>Agency specifications:</b>	MSHA		
<b>Hose construction:</b>	<b>Inner Tube:</b> Nitrile	<b>Reinforcement:</b> Four wire spiral (-12 to -16) Six wire spiral (-20 to -32)	<b>Cover:</b> Bruiser® ultra-abrasion
<b>Operating temperature:</b>	-40°C to +121°C (-40°F to +250°F)		
<b>Qualified fittings:</b>	4S series (-12 to -16)   6S series (-20 to -32)		

**Aeroquip premium suction core hoses**

**FC619** Core premium suction & return hose

<b>Certifications:</b>	Exceeds: SAE 100R4   EN 45545		
<b>Agency specifications:</b>	ABS   MSHA		
<b>Hose construction:</b>	<b>Inner Tube:</b> AQP elastomer	<b>Reinforcement:</b> Helical wire between two textile reinforcement layers	<b>Cover:</b> Dura-Tuff® premium abrasion
<b>Operating temperature:</b>	-40°C to +135°C (-40°F to +275°F)		
<b>Qualified fittings:</b>	1A series (-12 to -32)   4S series (-12)   1G series (-12 to -32)		

**Winner™ standard core hoses**

**EC115** Core standard one wire braided hose

<b>Certifications:</b>	Meets: SAE 100R1   EN 857 Type 15C		
<b>Agency specifications:</b>	DNV   MSHA   USCG		
<b>Hose construction:</b>	<b>Inner Tube:</b> Nitrile	<b>Reinforcement:</b> One wire braid	<b>Cover:</b> Nitrile
<b>Operating temperature:</b>	-40°C to +100°C (-40°F to +212°F)		
<b>Qualified fittings/socket:</b>	Fittings: 1A series   2-piece Winner   1R field attachable Socket: 00110		

**EC118** Core standard one & two wire braided hose

<b>Certifications:</b>	Meets: SAE 100R17   ISO 18752		
<b>Agency specifications:</b>	MSHA   USCG		
<b>Hose construction:</b>	<b>Inner Tube:</b> Nitrile	<b>Reinforcement:</b> One wire braid (-04 to -08) Two wire braid (-10 to -16)	<b>Cover:</b> Nitrile
<b>Operating temperature:</b>	-40°C to +100°C (-40°F to +212°F)		
<b>Qualified fittings/socket:</b>	Fittings: 1A series   1R series (-04, -05, -06, -08)   2-piece Winner Sockets: 00110 (-04, -06, -08)   03310 (-10, -12, -16)		

**EC215** Core standard two wire braided hose

<b>Certifications:</b>	Meets: EN 857 25C   ISO 18752		
<b>Agency specifications:</b>	DNV   MSHA   USCG		
<b>Hose construction:</b>	<b>Inner Tube:</b> Nitrile	<b>Reinforcement:</b> Two wire braid	<b>Cover:</b> Nitrile
<b>Operating temperature:</b>	-40°C to +100°C (-40°F to +212°F)		
<b>Qualified fittings/socket:</b>	Fittings: 1A series   2-piece Winner   2R field attachable Socket: 03310		

**EC415** Core standard four wire spiral hose

<b>Certifications:</b>	Meets: SAE 100R12   EN 856 R12   ISO 18752		
<b>Agency specifications:</b>	MSHA   USCG		
<b>Hose construction:</b>	<b>Inner Tube:</b> Nitrile	<b>Reinforcement:</b> Four wire spiral	<b>Cover:</b> Nitrile
<b>Operating temperature:</b>	-40°C to +121°C (-40°F to +250°F)		
<b>Qualified fittings:</b>	4S series		

**EC420** Core premium four & six wire spiral hose

<b>Certifications:</b>	Meets: SAE 100R13   EN 856 R13   ISO 18752		
<b>Agency specifications:</b>	DNV   MSHA   USCG		
<b>Hose construction:</b>	<b>Inner Tube:</b> Nitrile	<b>Reinforcement:</b> Four wire spiral (-12, -16) Six wire spiral (-20 to -32)	<b>Cover:</b> Nitrile
<b>Operating temperature:</b>	-40°C to +121°C (-40°F to +250°F)		
<b>Qualified fittings:</b>	4S series (12, -16)   6S series (-20 to -32)		

**WH004** Core premium suction hose

<b>Certifications:</b>	Exceeds: SAE 100R4 performance		
<b>Agency specifications:</b>	MSHA		
<b>Hose construction:</b>	<b>Inner Tube:</b> Oil-resistant NBR	<b>Reinforcement:</b> Textile with helical & anti-static wire	<b>Cover:</b> Nitrile
<b>Operating temperature:</b>	-40°C to +100°C (-40°F to +212°F)		
<b>Qualified fittings/socket:</b>	Fittings: - 1A and 1G, -12, -16, -20, -24 and -32 - 4T Optimum & Winner 2 pc series: -12 and -16 - Hose barb with band clamps: -12 thru -48 with a reduced operating pressure rating of 4 bar (60 psi) Socket: 03310		

**Danfoss Intelligent Layline, fittings & MatchMate® system:**

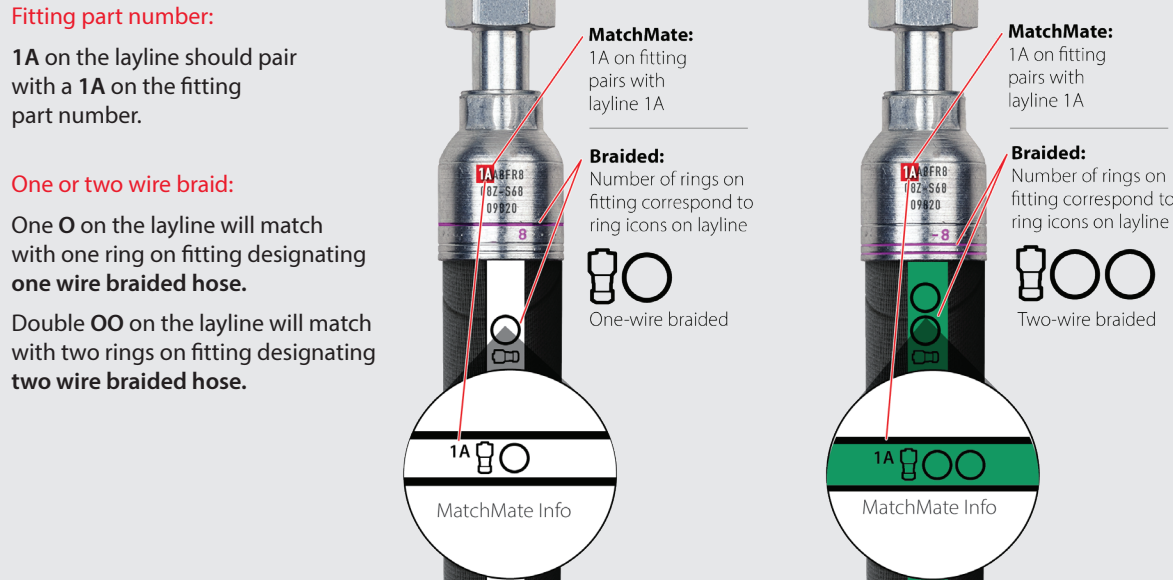
Match fittings to hose with ease.

**Intelligent layline**

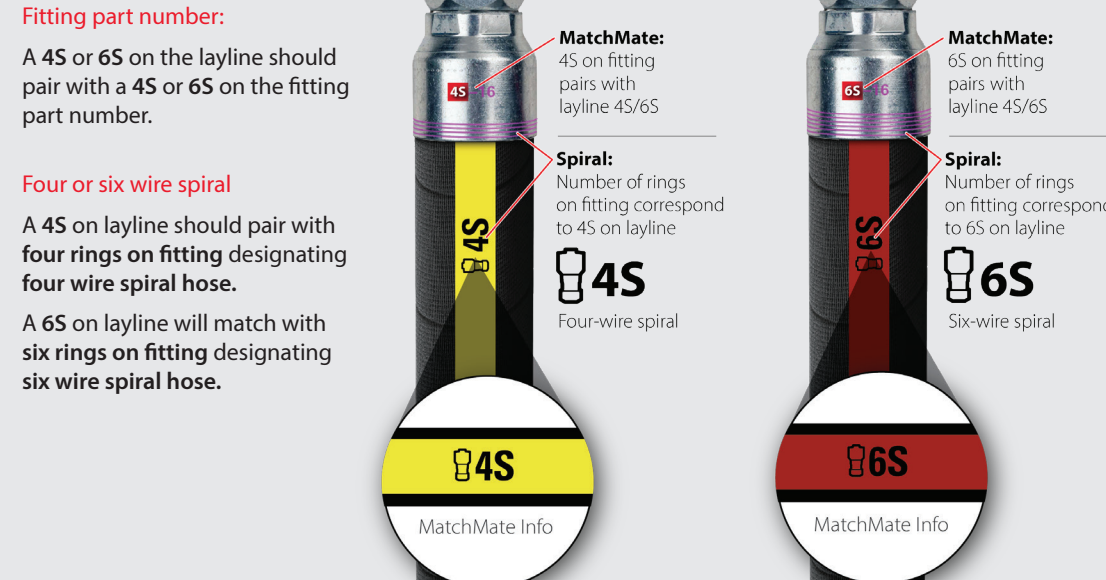


**MatchMate System**

**Braided hose:**



**Spiral hose:**



**Fittings**

**Braided**



**Spiral**



**Reusable**



Danfoss can accept no responsibility for possible errors in catalogs, brochures, and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequent changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.