



Aeroquip premium
core hoses

Core | Premium | Braided

GH681 Core premium
one wire braided hose



| | | | |
|-------------------------------|--|---|---|
| Certifications: | Meets or exceeds: SAE 100R17 EN 857 Type 1SC ISO 1436 15N ISO 18752 | | |
| Agency specifications: | MSHA ABS DNV USCG | | |
| Hose construction: | Inner Tube: Synthetic rubber | Reinforcement: One wire braid | Cover: Dura-Tuff premium abrasion |
| Operating temperature: | -46°C to +126°C (-50°F to +260°F) | | |
| Qualified fittings: | 1A (-4 to -32) 1R (-4 -6 -8 -12 -16) | | |

Core | Premium | Spiral

GH506 Core premium
four wire spiral hose



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|-------------------------------|--|---|---|
| Certifications: | Meets or exceeds: EN 856 Type 4SH ISO 18752 ISO 3862 Type 4SH | | |
| Agency specifications: | MSHA DNV ABS | | |
| Hose construction: | Inner Tube: Synthetic rubber | Reinforcement: Four wire spiral | Cover: Dura-Tuff premium abrasion |
| Operating temperature: | -40°C to +100°C (-40°F to +212°F), short term to +120°C (+248°F) | | |
| Qualified fittings: | 1W (-12 to -32) | | |

Core | Premium | Braided

GH781 Core premium
two wire braided hose



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|-------------------------------|--|---|---|
| Certifications: | Meets or exceeds: SAE 100R16 EN857 Type 2SC ISO 18752 | | |
| Agency specifications: | MSHA ABS DNV USCG | | |
| Hose construction: | Inner Tube: Synthetic rubber | Reinforcement: Two wire braid | Cover: Dura-Tuff premium abrasion |
| Operating temperature: | -46°C to +126°C (-50°F to +260°F) | | |
| Qualified fittings: | 1A (-4 to -32) 2R (-4 -6 -8 -12 -16) | | |

Core | Premium | Spiral

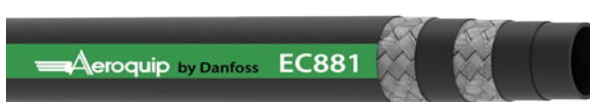
FC500 Core premium X-Flex®
four and six wire spiral hose



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|-------------------------------|--|---|---|
| Certifications: | Meets or exceeds: SAE 100R13 EN 856 R13 ISO 3862 R13 | | |
| Agency specifications: | MSHA USCG | | |
| Hose construction: | Inner Tube: Synthetic rubber | Reinforcement: Four wire spiral (-12 to -24) Six wire spiral (-32) | Cover: Dura-Tuff premium abrasion |
| Operating temperature: | -40°C to +127°C (-40°F to +260°F) | | |
| Qualified fittings: | 4S (-12 to -24) 6S (-32) | | |

Core | Premium | Braided

EC881 Core premium Dynamax ultra-
performance two wire braided hose



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|-------------------------------|--|---|---|
| Certifications: | Exceeds: SAE 100R16 Type S EN 857 2SC ISO 11237-1 Type 2SC | | |
| Agency specifications: | MSHA ABS DNV | | |
| Hose construction: | Inner Tube: Dura-Pulse™ patented tube | Reinforcement: Two wire braid | Cover: Dura-Tuff premium abrasion |
| Operating temperature: | -46°C to +126°C (-50°F to +260°F) -46° C to +70° C (-50°F to +158° F) for water-based hyd. fluids 0° C to +70° C (+32°F to 158° F) for water | | |
| Qualified fittings: | 1A (-4 to -32) | | |

Core | Premium | Spiral

GH466 Core premium
six wire spiral hose



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|-------------------------------|--|--|---|
| Certifications: | Meets or exceeds: SAE 100R15 ISO 3862 Type R15 EN856 R13 | | |
| Agency specifications: | MSHA DNV ABS | | |
| Hose construction: | Inner Tube: Synthetic rubber | Reinforcement: Six wire spiral | Cover: Dura-Tuff premium abrasion |
| Operating temperature: | -40°C to +121°C (-40°F to +250°F) | | |
| Qualified fittings: | 6S (-20 to -24) 1W (-20 to -32) | | |

Core | Premium | Spiral

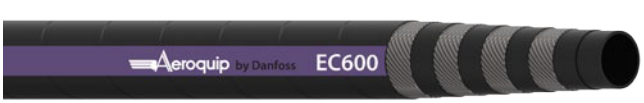
GH425 Core premium
four wire spiral hose



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|-------------------------------|--|---|---|
| Certifications: | Exceeds: EN 856 4SP | | |
| Agency specifications: | MSHA DNV ABS | | |
| Hose construction: | Inner Tube: Synthetic rubber | Reinforcement: Four wire spiral | Cover: Dura-Tuff premium abrasion |
| Operating temperature: | -40°C to +100°C (-40°F to +212°F) | | |
| Qualified fittings: | 1T (-6 to -10) 4S (-12 to -16) | | |

Core | Premium | Spiral

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



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

Core | Premium | Spiral

GH493 Core premium
four wire spiral hose



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|-------------------------------|--|---|--|
| Certifications: | Meets or exceeds: SAE 100R12 EN856 Type 4SP (-10 to -32) EN856 Type R12 ISO 18752 | | |
| Agency specifications: | MSHA ABS DNV USCG | | |
| Hose construction: | Inner Tube: Synthetic rubber | Reinforcement: Four wire spiral | Cover: Dura-Tuff® Premium Abrasion |
| Operating temperature: | -40°C to +126°C (-40°F to +260°F) | | |
| Qualified fittings: | 1T (-6 -8 -10) 4S (-6 to -32) | | |

Core | Premium | Spiral

EC850 Core Dynamax ultra-performance
four and six wire spiral hose



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|-------------------------------|---|--|---|
| Certifications: | Meets or exceeds: SAE 100R15 ISO 18752 EN 856 R13 | | |
| Agency specifications: | MSHA | | |
| Hose construction: | Inner Tube: Synthetic rubber | Reinforcement: Four wire spiral (-10 -12 -16) Six wire spiral (-20) | Cover: Dura-Tuff premium abrasion |
| Operating temperature: | -40°C to +100°C (-40°F to +212°F) | | |
| Qualified fittings: | 1W (-10 to -20) | | |

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



Match Mate® System

Braided hose

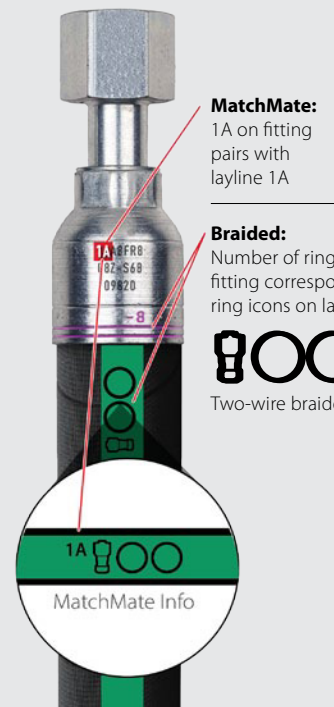
Fitting Part Number:

A 1A on the layline should pair with a 1A on the fitting part number.

1 or 2-wire braid:

One O on the layline will match with one ring on fitting designating 1-wire braided hose.

Double OO on layline will match with two rings on fitting designating 2-wire braided hose.



Spiral hose

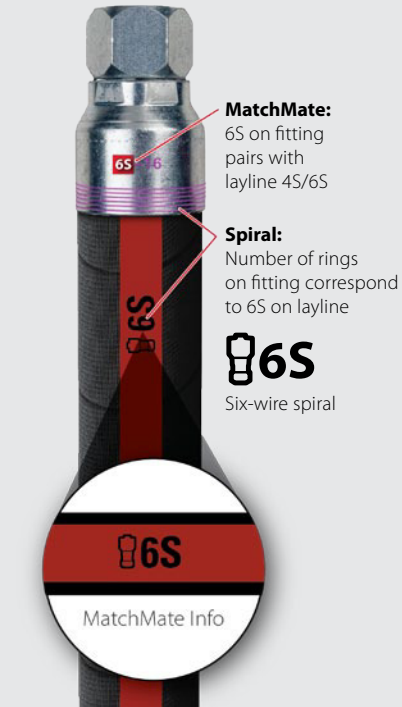
Fitting Part Number:

A 4S or 6S on the layline should pair with a 4S or 6S on the fitting part number.

4 or 6 wire spiral

A 4S on layline should pair with four rings on fitting designating 4-wire spiral hose.

A 6S on layline will match with six rings on fitting designating 6-wire spiral hose.



Aeroquip premium
high-temp core hoses

Core | Premium | Braided | High-Temp

FC510 Core premium AQP™ high-temp HI-PAC
one wire braided hose



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|-------------------------------|--------------------------------------|---|-------------------------------------|
| Certifications: | Exceeds: EN 857 1SC | | |
| Agency specifications: | MSHA DNV USCG | | |
| Hose construction: | Inner Tube: AQP® Elastomer | Reinforcement: Hi-Pac® one wire braid | Cover: Blue AQP Elastomer |
| Operating temperature: | -40°C to +149°C (-40°F to +300°F) | | |
| Qualified fittings: | 1A (-4 to -20) | | |



Aeroquip premium
low-temp core hoses

Core | Premium | Braided | Low-Temp

GH120 Core premium low-temp
two wire braided hose



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|-------------------------------|--|---|---|
| Certifications: | Exceeds: SAE 100R16 EN 857 2SC ISO 11237-1 2SC | | |
| Agency specifications: | MSHA | | |
| Hose construction: | Inner Tube: Special low temperature synthetic rubber | Reinforcement: Two wire braid | Cover: Dura-Tuff premium abrasion |
| Operating temperature: | -57°C to +100°C (-70°F to +212°F) | | |
| Qualified fittings: | 1A (-4 to -32) | | |



Aeroquip premium Bruiser®
ultra-abrasion core hoses

Core | Premium | Braided | Abrasion

GH681B Core premium Bruiser ultra-abrasion
one wire braided hose



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|-------------------------------|--|---|---|
| Certifications: | Meets or exceeds: SAE 100R17 EN 857 Type 1SC ISO 1436 15N ISO 18752 | | |
| Agency specifications: | MSHA ABS DNV | | |
| Hose construction: | Inner Tube: Synth. (NBR) rubber tube | Reinforcement: One wire braid | Cover: Bruiser ultra-abrasion |
| Operating temperature: | -46°C to +126°C (-50°F to +260°F) | | |
| Qualified fittings: | 1A (-4 to -32) 1R (-4 -6 -8 -12 -16) | | |

Core | Premium | Braided | Abrasion

EC881B Core premium Bruiser Dynamax ultra-per-
formance ultra-abrasion two wire braided hose



| | | | |
|-------------------------------|--|---|---|
| Certifications: | Exceeds: SAE 100R16 Type S EN 857 2SC ISO 18752 | | |
| Agency specifications: | MSHA DNV | | |
| Hose construction: | Inner Tube: Dura-Pulse™ patented tube | Reinforcement: Two wire braid | Cover: Bruiser ultra-abrasion |
| Operating temperature: | -40°C to +126°C (-40°F to +260°F) for petroleum based hyd. fluids -40° C to +70° C (-40°F to +158° F) for water-based hyd. fluids 0° C to +70° C (+32°F to 158° F) for water | | |
| Qualified fittings: | 1A (-4 to -32) | | |



Aeroquip premium
suction core hoses

Core | Premium | Suction

FC619 Core premium suction
one wire braided hose



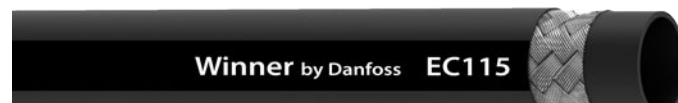
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|-------------------------------|--|--|-----------------------------------|
| Certifications: | Exceeds: SAE 100R4 EN 45545 | | |
| Agency specifications: | MSHA EN45545 ABS | | |
| Hose construction: | Inner Tube: AQP elastomer | Reinforcement: Helical wire between two textile reinforcement layers | Cover: Synthetic rubber |
| Operating temperature: | -40°C to +135°C (-40°F to +275°F) | | |
| Qualified fittings: | 1A (-12 -16 -20 -24 -32) 1G (-12 -16 -20 -24 -32) 4S (-12) | | |



Winner™ standard
core hoses

Core | Standard | Braided

EC115 Core standard
one wire braided hose



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|-------------------------------|---|---|-----------------------------------|
| Certifications: | Meets: EN 857 Type 1SC SAE 100R1 | | |
| Agency specifications: | MSHA DNV USCG | | |
| Hose construction: | Inner Tube: Synthetic rubber | Reinforcement: One wire braid | Cover: Synthetic rubber |
| Operating temperature: | -40°C to +100°C (-40°F to +212°F), short term up to +120°C (+248°F) | | |
| Qualified fittings: | 1A (-4 to 32) 2-piece Winner (-4 to -32) 1R (-4 -6 -8 -12 -16) | | |

Core | Standard | Braided

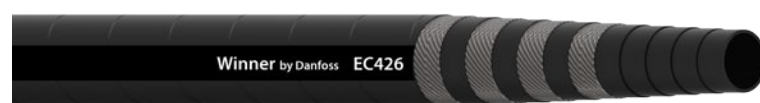
EC215 Core standard
two wire braided hose



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|-------------------------------|---|---|-----------------------------------|
| Certifications: | Meets: EN 857 Type 2SC ISO 18752 | | |
| Agency specifications: | MSHA DNV USCG | | |
| Hose construction: | Inner Tube: Synthetic rubber | Reinforcement: Two wire braid | Cover: Synthetic rubber |
| Operating temperature: | -40°C to +100°C (-40°F to +212°F), short term up to +120°C (+248°F) | | |
| Qualified fittings: | 1A (-4 to 32) 2-piece Winner (-4 to -32) 2R (-4 -6 -8 -12 -16) | | |

Core | Standard | Spiral

EC426 Core standard
four wire spiral hose



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|-------------------------------|---|---|-----------------------------------|
| Certifications: | Meets: EN856 4SP | | |
| Agency specifications: | MSHA | | |
| Hose construction: | Inner Tube: Synthetic rubber | Reinforcement: Four wire spiral | Cover: Synthetic rubber |
| Operating temperature: | -40°C to +100°C (-40°F to +212°F), short term up to +125°C (+257°F) | | |
| Qualified fittings: | 1T (-6 to -10) 4S (-12 to -20) 2-piece Winner (-6 -8 -10 -12 -16) | | |

Core | Standard | Spiral

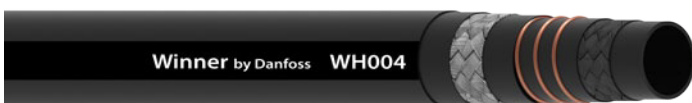
EC420 Core standard
four and six wire spiral



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|-------------------------------|---|---|-----------------------------------|
| Certifications: | Meets or exceeds: SAE 100R13 EN 856 R13 ISO 18752 | | |
| Agency specifications: | MSHA USCG DNV | | |
| Hose construction: | Inner Tube: Synthetic rubber | Reinforcement: Four wire spiral (-12 -16) Six wire spiral (-20 to -32) | Cover: Synthetic rubber |
| Operating temperature: | -40°C to +121°C (-40°F to +250°F) | | |
| Qualified fittings: | 4S (-12 to -16) 6S (-20 to -32) | | |

Core | Standard | Suction

WH004 Core standard
suction and return hose



| | | | |
|-------------------------------|---|--|-----------------------------------|
| Certifications: | Meets or exceeds: SAE 100R4 | | |
| Agency specifications: | MSHA | | |
| Hose construction: | Inner Tube: Oil-resistant synthetic rubber | Reinforcement: Textile with helical & anti-static wire | Cover: Synthetic rubber |
| Operating temperature: | -40°C to +100°C (-40°F to +212°F) | | |
| Qualified fittings: | 1A (-12 to -32) 1G (-12 to -32) 2-piece Winner (-12 to -32) Socket: 03310-* | | |

* Only bulk hose