



Premium



High-Temp



Low-Temp



Abrasion



Suction



Standard

Premium & standard hydraulic hose options



Weatherhead premium
core hoses

Core | Premium | Braided

H180 Core premium one wire braided hose



Certifications:	Meets or exceeds SAE 100R1 SAE 100R17 performance EN 857 Type 1SC performance ISO 1436 1SN ISO 18752		
Agency specifications:	ABS DNV MSHA USCG		
Hose construction:	Inner Tube: Nitrile	Reinforcement: One wire braid	Cover: Dura-Tuff® Premium Abrasion
Operating temperature:	-46°C to +126°C (-50°F to +260°F)		
Qualified fittings:	Z series 1R series (-4, -6, -8, -12, -16)		

Core | Premium | Braided

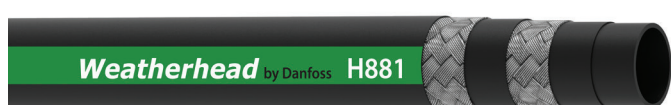
H280 Core premium two wire braided hose



Certifications:	Exceeds SAE 100R16 EN 857 2SC ISO 18752		
Agency specifications:	ABS DNV MSHA USCG		
Hose construction:	Inner Tube: Nitrile	Reinforcement: Two wire braid	Cover: Dura-Tuff® premium abrasion
Operating temperature:	-46°C to +126°C (-50°F to +260°F)		
Qualified fittings:	Z series 2R series		

Core | Premium | Braided

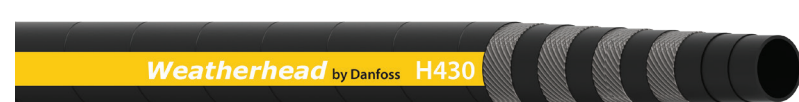
H881 Core premium Dynamax® ultra-performance two wire braided hose



Certifications:	Exceeds SAE 100R16 SAE 100R19 EN 857 2SC ISO 18752		
Agency specifications:	MSHA		
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 to +158° F) for water based hyd. fluids 0° C to +70° C (+32°F to 158° F) for water		
Qualified fittings:	Z series		

Core | Premium | Spiral

H430 Core premium four wire spiral hose



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

Core | Premium | Spiral

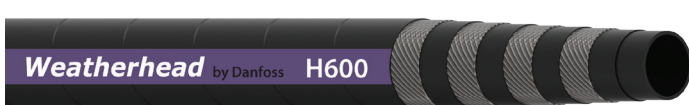
H471 Core premium X-Flex® four & six wire spiral hose



Certifications:	Exceeds SAE 100R13 EN 856 R13 ISO 3862 R13		
Agency specifications:	MSHA USCG		
Hose construction:	Inner Tube: Nitrile	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 series (-12 to -24) 6S series (-32)		

Core | Premium | Spiral

H600 Core premium X-Flex® four & six wire spiral hose



Certifications:	Meets or exceeds SAE 100R15 EN 856 4SH EN 856 R13 ISO 18752		
Agency specifications:	MSHA		
Hose construction:	Inner Tube: Dura-Pulse® patented inner 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 series (-12 to -16) 6S series (-20 to -32) 1W series		



Weatherhead premium
high-temp core hoses

Core | Premium | Braided | High-Temp

H190H Core premium high-temp one wire braided hose



Certifications:	Meets SAE 100R1 EN 853 1SN		
Agency specifications:	ABS MSHA		
Hose construction:	Inner Tube: CPE	Reinforcement: One wire braid	Cover: CPE
Operating temperature:	-40°C to +150°C (-40°F to +302°F)		
Qualified fittings:	Z series		

Core | Premium | Braided | High-Temp

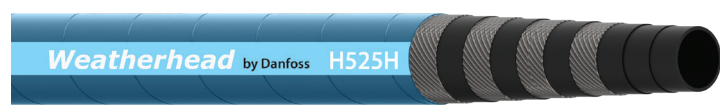
H290H Core premium high-temp two wire braided hose



Certifications:	Meets SAE 100R2 EN 853 2SN ISO 1436		
Agency specifications:	ABS MSHA		
Hose construction:	Inner Tube: CPE	Reinforcement: Two wire braid	Cover: CPE
Operating temperature:	-40°C to +150°C (-40°F to +302 °F)		
Qualified fittings:	Z series		

Core | Premium | Spiral | High-Temp

H525H Core premium high-temp four & six wire spiral hose



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



Weatherhead premium
low-temp core hoses

Core | Premium | Braided | Low-Temp

H245L Core premium low-temp two wire braided hose



Agency specifications:	MSHA		
Hose construction:	Inner Tube: Proprietary low-temp	Reinforcement: Two wire braid	Cover: Dura-Tuff® premium abrasion
Operating temperature:	-57°C to +100°C (-70°F to +212°F)		
Qualified fittings:	Z series		

Core | Premium | Spiral | Low-Temp

H810L Core premium low-temp four & six wire spiral hose



Agency specifications:	MSHA		
Hose construction:	Inner Tube: Exclusive low-temp tube	Reinforcement: Four wire spiral (-12 to -16) Six wire spiral (-20 to -32)	Cover: Nitrile
Operating temperature:	-57°C to +100°C (-70°F to +212°F)		
Qualified fittings:	4S series (-12 to -16) 6S series (-20 to -32)		



Weatherhead premium Bruiser®
ultra-abrasion core hoses

Core | Premium | Braided | Abrasion

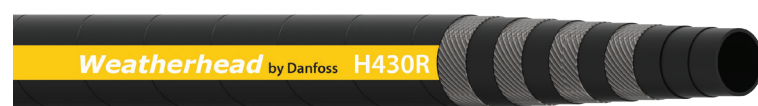
H145R Core premium Bruiser® ultra-abrasion one wire braided hose



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

Core | Premium | Braided | Abrasion

H430R Core premium Bruiser® ultra-abrasion four wire spiral hose



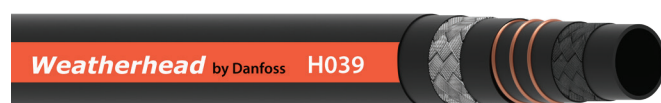
Certifications:	Exceeds SAE 100R12 EN 856 R12 ISO 18752		
Agency specifications:	MSHA		
Hose construction:	Inner Tube: Nitrile	Reinforcement: Four wire spiral	Cover: Bruiser® ultra-abrasion
Operating temperature:	-40°C to +121°C (-40°F to +250°F)		
Qualified fittings:	4S series		



Weatherhead premium
suction core hoses

Core | Premium | Suction

H039 Core premium suction & return hose



Certifications:	Exceeds SAE 100R4 EN 45545		
Agency specifications:	ABS MSHA		
Hose construction:	Inner Tube: CPE	Reinforcement: Helical wire between two textile reinforcement layers	Cover: Nitrile
Operating temperature:	-40°C to +135°C (-40°F to +275°F)		
Qualified fittings:	Z series (-12 to -32) 4S series (-12)		



Winner™ standard
core hoses

Core | Standard | Braided

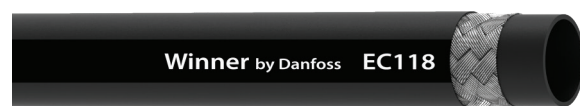
EC115 Core standard one wire braided hose



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

Core | Standard | Braided

EC118 Core standard one & two wire braided hose



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

Core | Standard | Braided

EC215 Core standard two wire braided hose



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

Core | Standard | Spiral

EC415 Core standard four wire spiral hose



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

Core | Standard | Spiral

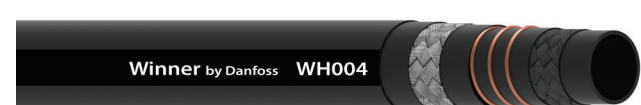
EC420 Core premium four & six wire spiral hose



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

Core | Standard | Suction

WH004 Core premium suction hose

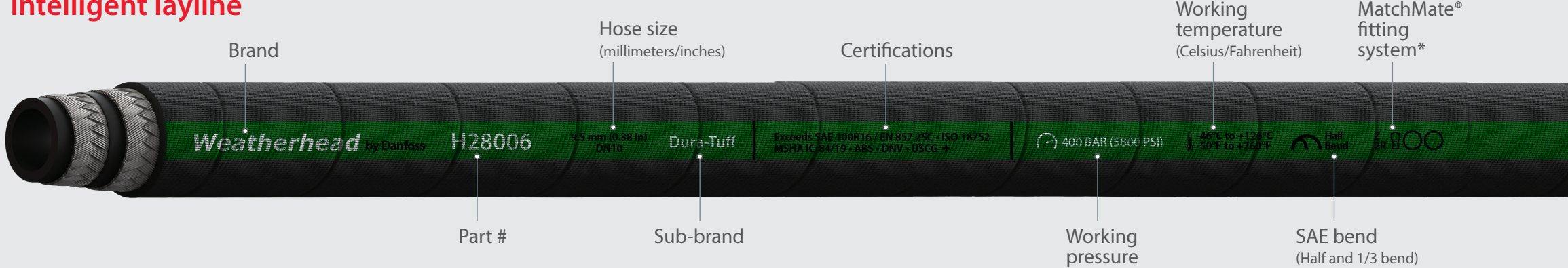


Certifications:	Exceeds SAE 100R4 performance		
Agency specifications:	MSHA		
Hose construction:	Inner Tube: Oil-resistant NBR	Reinforcement: Textile with helical & anti-static wire	Cover: Nitrile
Operating temperature:	-40°C to +100°C (-40°F to +212°F)		
Qualified fittings/socket:	Fittings: • Z series: -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

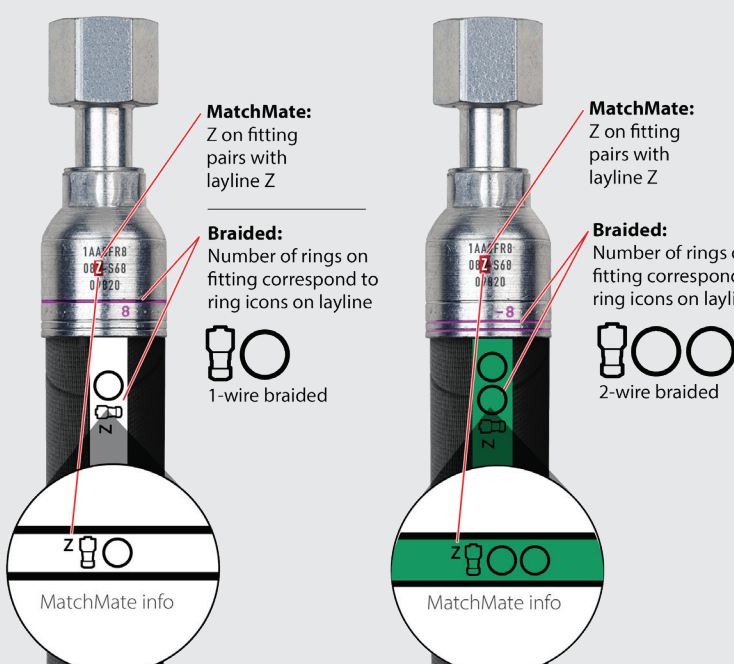


MatchMate System

Braided hose:

Fitting part number:
Z on the layline should pair with a Z on the fitting part number.

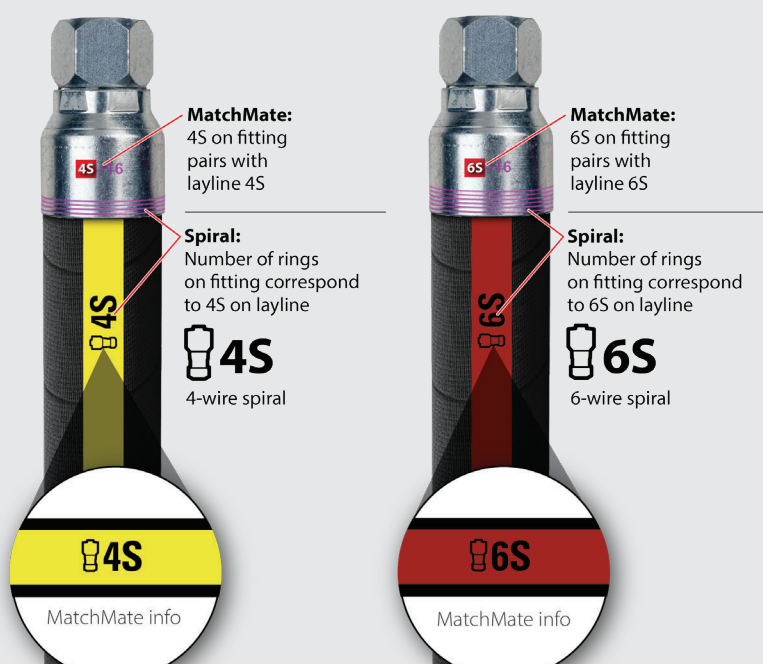
One or two wire braid:
One O on the layline will match with one ring on fitting designating one wire braided hose.
Double OO on the layline will match with two rings on fitting designating two wire braided hose.



Spiral hose:

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

Four or six wire spiral
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.



Fittings

Braided

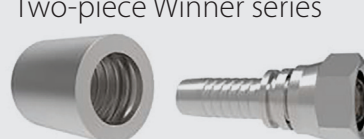
Premium

Z series



Standard

Two-piece Winner series



Spiral

Premium

4S/6S series



Reusable

Premium

1R/2R series



ENGINEERING
TOMORROW



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