

Which hose is right for you?

Standards			Two wire braided Danfoss hydraulic hoses				
			Standard hydraulic hose		Premium hydraulic hose		
EN 857 2SN	EN 857 2SC		Winner™ EC210-8 2SN	Winner™ EC215-8 2SC	Aeroquip® GH681-8 1SC	Aeroquip® GH781-8 2SC	Aeroquip® EC881-8 2SC
Hose specifications							
Hose I.D.	 12 DN 13.5 mm 0.53 in	 12 DN 13.5 mm 0.53 in	 12 DN 12.7 mm 0.5 in	 12 DN 12.7 mm 0.5 in	 12 DN 12.7 mm 0.5 in	 12 DN 12.7 mm 0.5 in	 12 DN 12.7 mm 0.5 in
Hose O.D.	 23 mm 0.91 in	 21.5 mm 0.84 in	 23 mm 0.91 in	 20.8 mm 0.82 in	 19.9 mm 0.78 in	 20.6 mm 0.81 in	 21.5 mm 0.85 in
Max. Operating Pressure	 275 bar 4000 psi	 275 bar 4000 psi	 275 bar 4000 psi	 275 bar 4000 psi	 221 bar 3200 psi	 310 bar 5000 psi	 360 bar 5220 psi
Burst Pressure	 1100 bar 16000 psi	 1100 bar 16000 psi	 1100 bar 16000 psi	 1100 bar 16000 psi	 883 bar 12800 psi	 1240 bar 20000 psi	 1440 bar 20880 psi
Min. Bend Radius	 180 mm 7.09 in	 130 mm 5.1 in	 180 mm 7.09 in	 90 mm 3.54 in	 90 mm 3.54 in	 88.9 mm 3.54 in	 60 mm 2.36 in
Weight			 0.64 kg/m 0.43 lb/ft	 0.57 kg/m 0.38 lb/ft	 0.43 kg/m 0.29 lb/ft	 0.58 kg/m 0.39 lb/ft	 0.58 kg/m 0.39 lb/ft
Temperature Range	 -40 °C +100 °C -40 °F +212 °F	 -40 °C +100 °C -40 °F +212 °F	 -40 °C +100 °C -40 °F +212 °F	 -40 °C +100 °C -40 °F +212 °F	 -46 °C +126 °C -50 °F +259 °F	 -46 °C +126 °C -50 °F +259 °F	 -46 °C +126 °C -50 °F +259 °F
Abrasion Resistance	 EN ISO 6945	 EN ISO 6945			 Dura-Tuff	 Dura-Tuff	 Dura-Tuff
Approved Fittings			1A series Winner 2pc	1A series Winner 2pc 1R Reuseable series	1A, 1R series	1A series 2R Reuseable series	1A series
Certifications							
Agency Approval			MSHA DNV-GL	MSHA DNV-GL USCG	MSHA ABS DNV USCG	MSHA ABS DNV USCG	MSHA ABS DNV
Compliance to standards			Meets: SAE 100R2 EN 853 2SN	Meets: EN 857 2SC ISO 18752	Meets or exceeds: SAE 100R17 EN 857 Type 1SC ISO 1436 1SN ISO 18752	Meets or exceeds: SAE 100R16 EN 857 2SC ISO 18752	Exceeds: SAE 100R16 S EN 857 2SC ISO 11237-1 2SC

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