

Which hose is right for you?

	Standards		One wire braided Danfoss hydraulic hoses			
			Standard hydraulic hose			Premium hydraulic hose
	EN853 1SN	EN857 1SC	Centaur™ CH110-8 1SN	Winner™ EC110-8 1SN	Winner™ EC115-8 1SC	Aeroquip® GH681-8 1SC
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
Hose O.D.	 24.4 mm 0.84 in	 20.4 mm 0.80 in	 21.1 mm 0.83 in	 21.4 mm 0.84 in	 19.4 mm 0.77 in	 19.9 mm 0.78 in
Max. Operating Pressure	 160 bar 2300 psi	 160 bar 2300 psi	 160 bar 2300 psi	 160 bar 2300 psi	 160 bar 2300 psi	 221 bar 3200 psi
Burst Pressure	 640 bar 9200 psi	 640 bar 9200 psi	 640 bar 9200 psi	 640 bar 9200 psi	 640 bar 9200 psi	 883 bar 12 800 psi
Min. Bend Radius	 180 mm 7.09 in	 130 mm 5 in	 180 mm 7.09 in	 180 mm 7.09 in	 90 mm 3.54 in	 90 mm 3.54 in
Weight			 0.44 kg/m 0.3 lb/ft	 0.41 kg/m 0.28 lb/ft	 0.34 kg/m 0.23 lb/ft	 0.43 kg/m 0.29 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	 -40 °C +100 °C -40 °F +212 °F	 -46 °C +126 °C -50 °F +259 °F
Abrasion Resistance	 EN ISO 6945	 EN ISO 6945	 EN ISO 6945	 EN ISO 6945	 EN ISO 6945	 Dura-Tuff Premium Abrasion
Approved Fittings			Winner 2pc Winner 1pc	1A series Winner 2pc	1A series Winner 2pc 2R Reuseable series	1A, 1R series
Certifications						
Agency Approval				MSHA DNV	MSHA DNV USCG	MSHA ABS DNV USCG
Compliance to standards			Meets: EN 857 Type 1SC	Meets: EN 853 1SN SAE 100R1	Meets or exceeds: EN 857 Type 1SC SAE 100R1 U392723	Meets or exceeds: SAE 100R17 EN 857 Type 1SC ISO 1436 1SN ISO 18752

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