

Which hose is right for you?

Standards			One wire braided Danfoss hydraulic hoses			
			Standard hydraulic hose		Premium hydraulic hose	
EN853 1SN		EN857 1SC	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	
Hose O.D.	 24.4 mm 0.84 in	 20.4 mm 0.80 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	 221 bar 3200 psi	
Burst Pressure	 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	 90 mm 3.54 in	 90 mm 3.54 in	
Weight			 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	 -46 °C +126 °C -50 °F +259 °F	
Abrasion Resistance	 EN ISO 6945	 EN ISO 6945	 EN ISO 6945	 EN ISO 6945	 Dura-Tuff Premium Abrasion	
Approved Fittings			1A series 1pc Winner 2pc	1A series Winner 2pc 1R Reuseable series	1A, 1R series	
Certifications						
Agency Approval			MSHA DNV	MSHA DNV USCG	MSHA ABS DNV USCG	
Compliance to standards			Meets: EN 853 1SN SAE 100R1	Meets or exceeds: EN 857 Type 1SC SAE 100R1	Meets or exceeds: SAE 100R17 EN 857 Type 1SC ISO 1436 1SN ISO 18752	

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