

PART NUMBER	DN	I.D. (REF) mm [in]	O.D. (REF) mm [in]	OPERATING PRESSURE bar [PSI]		PROOF PRESSURE bar [PSI]	BURST PRESSURE bar [psi]		EN/SAE OPERATING PRESSURE bar [PSI]	MIN. BEND RADIUS mm [in]		WEIGHT kg/m [lbs/ft]
				CRIMP FITTINGS	REUSABLE FITTINGS		CRIMP FITTINGS	REUSABLE FITTINGS		CRIMP FITTINGS	REUSABLE FITTINGS	
GH781-4	6	6.4 [.25]	13.9 [.55]	448 [6500]	400 [5800]	896 [13000]	1792 [26000]	1600 [23200]	400 [5800]	50 [1.96]	75 [2.95]	0.33 [0.22]
GH781-5	8	7.9 [.31]	14.9 [.59]	350 [5100]	-	700 [10200]	1400 [20400]	-	350 [5100]	55 [2.16]	-	0.36 [0.24]
GH781-6	10	9.5 [.38]	17.4 [.69]	400 [5800]	330 [4800]	800 [11600]	1600 [23200]	1320 [19200]	330 [4800]	65 [2.55]	90 [3.54]	0.43 [0.29]
GH781-8	12	12.7 [.50]	20.9 [.82]	350 [5100]	275 [3988]	700 [10200]	1400 [20400]	1100 [16000]	275 [4000]	90 [3.54]	130 [5.12]	0.58 [0.39]
GH781-10	16	15.9 [.62]	24 [.94]	280 [4050]	188 [2725]	560 [8100]	1120 [16200]	752 [10900]	250 [3650]	100 [3.94]	170 [6.69]	0.65 [0.44]
GH781-12	19	19.0 [.75]	27.9 [1.10]	240 [3500]	215 [3125]	480 [7000]	960 [14000]	860 [12500]	215 [3125]	120 [4.72]	200 [7.87]	0.79 [0.53]
GH781-16	25	25.4 [1.00]	35.9 [1.41]	210 [3050]	165 [2400]	420 [6100]	840 [12200]	660 [9600]	165 [2400]	150 [5.90]	250 [9.84]	1.07 [0.72]
GH781-20	31	31.8 [1.25]	43.4 [1.71]	172 [2500]	-	344 [5000]	688 [10000]	-	125 [1800]	210 [8.26]	-	1.62 [1.09]
GH781-24	38	38.1 [1.50]	51.5 [2.03]	140 [2050]	-	280 [4100]	560 [8200]	-	125 [1800]	250 [9.84]	-	2.08 [1.40]
GH781-32	51	50.8 [2.00]	63.9 [2.52]	110 [1600]	-	220 [3200]	440 [6400]	-	90 [1300]	315 [12.40]	-	2.82 [1.90]

AG 1

AG 3



AG 2

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
AF	REDRAWN AND REDESIGNED. UPDATED TO DANFOSS FORMAT. 1) O.D. WAS "NOMINAL". 2) UPDATED NOTE #4 FOR LAYLINE IDENTIFICATION. 3) UPDATED "TITLE" AND "SUBTITLES".	2022-06-14 TMH	CO-0224277
AG	1) UPDATED OPERATING PRESSURE FOR -8, -10, -12, -16 AND -24 SIZES. 2) UPDATED BURST PRESSURE FOR -8, -10, -16 AND -24 SIZES. 3) UPDATED PROOF PRESSURE FOR -8, -10, -12, -16 AND -24 SIZES.	2023-12-22 PPC/ARK	CO-0230458

△ MSHA CODE IS PLANT SPECIFIC:  
USE MSHA IC-84/56 FOR ÇERKEZKÖY  
USE MSHA IC-84/19 FOR ALL OTHER PLANTS.

5. TEMPERATURE RANGE: -46°C TO +126°C [-50°F TO +260°F]  
Temperaturbereich: -46°C bis +126°C [-50°F bis +260°F]

4. EXAMPLE OF LAYLINE IDENTIFICATION FOR -4 SIZE:  
Beispiel Markierungsbezeichnung nach ES2870D1

INK TRANSFER:  

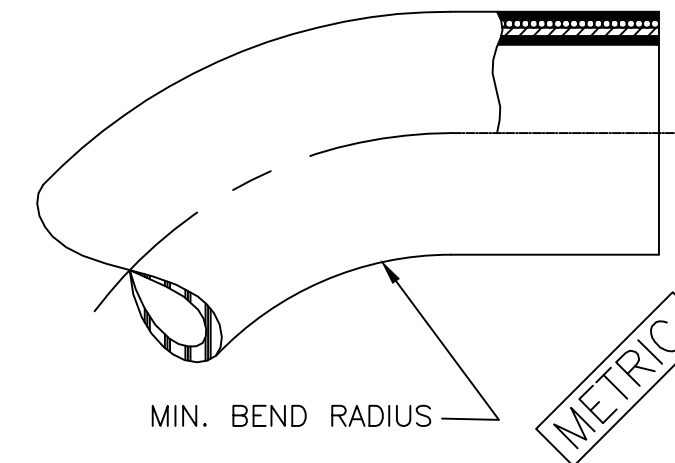
"Aeroquip by Danfoss GH781-4 6.4 MM (0.25 IN) DN6 Dura-Tuff Exceeds SAE 100R16/EN857 2SC, ISO 18752 MSHA IC-84/19, ABS, DNV, USCG ⚓ (PRESSURE GAGE) 448 BAR (6500 PSI) (TEMP GAGE) -46°C to +126°C (-50°F to +260°F) (BEND LOGO) Half Bend FITTING SERIES (FITTING LOGO) 2 MATCHMATE RINGS".




INK-JET:  
"YYYY-MM-DD Made in USA /-/- LOT CODE".

3. APPLICATION: HIGH PRESSURE HYDRAULIC SYSTEMS WITH PETROLEUM AND WATER-GLYCOL BASE FLUIDS, FOR LUBRICATING OILS AND WATER.  
Anwendung: Hochdruck Hydrauliksysteme auf Mineralölbasis und Wasser-Glykol Emulsionen, Schmieröle und Wasser.

2. CONSTRUCTION: SYNTH.(NBR) RUBBER TUBE, 2 WIRE BRAID REINFORCEMENT, SYNTH.(NBR/PVC) RUBBER COVER  
Konstruktion: Seele aus synth.Gummi(NBR), 2 Drahtgeflecht als Druckträger, Aussendecke aus synth. Gummi (NBR/PVC)

1. ALL HOSE ATTRIBUTES ARE METRIC [INCH]  
Alle Angaben zum Schlauch sind in metrisch [inch]



FLUID CONVEYANCE DIVISION MAUMEE, OHIO U.S.A.		DRAWN T. HIRVE	
		CHECKED T. HIRVE	
		APPROVED P. DEWITT	
		RELEASE DATE 2022-06-14	
		DRAWING INTERPRETATION PER ES 10	
		DRAWING TITLE	
		AEROQUIP HOSE 	
		2 WIRE BRAID, RUBBER COVER SAE 100R16, EN857 2SC, ISO 18752	
CO-0224277	CAGE CODE 01276	DRAWING NUMBER	REV
THIRD ANGLE PROJECTION	DIST U	GH781	AG
	SIZE A3		
	SCALE NONE		
	SHEET 1		
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