

Aeroquip by Danfoss | GH781 EDGE series fact sheet

Aeroquip by Danfoss GH781 hose



The legendary GH781, now with an EDGE. Our best-selling two-wire braided hose is engineered for superior flexibility in diverse applications. As part of the EDGE series, it's validated across our Six-Point System—guaranteeing one million impulse cycles, enhanced abrasion resistance with a DuraTUFF+ cover, and zero cool-down leakage. It's the proven performance you trust, elevated to a new benchmark of reliability.

The EDGE six-point system

Features:	Benefits:
<ul style="list-style-type: none"> • 1,000,000 Impulse Cycles 	<ul style="list-style-type: none"> • Extends hose life, reduces downtime, and lowers replacement costs.
<ul style="list-style-type: none"> • Higher Pressure Performance 	<ul style="list-style-type: none"> • Allows for use in more powerful applications and provides a greater safety factor.
<ul style="list-style-type: none"> • Tighter Bend Radius DuraFLX™ technology offers 1/2 bend radius 	<ul style="list-style-type: none"> • Enables faster, easier installation, especially in tight spaces.
<ul style="list-style-type: none"> • Wide Temperature Range 	<ul style="list-style-type: none"> • Ensures reliable performance in extreme hot and cold conditions.
<ul style="list-style-type: none"> • 100x Abrasion Resistance DuraTUFF+™ cover with 100x the abrasion of standard hose 	<ul style="list-style-type: none"> • Protects against external wear, significantly increasing durability.
<ul style="list-style-type: none"> • Class 0 Leakage 	<ul style="list-style-type: none"> • Guarantees leak-free connections, improving safety and efficiency while preventing fluid loss.



Markets & Applications:

- Petroleum
- Fuel
- Lubricating Oils
- Gasoline
- Water

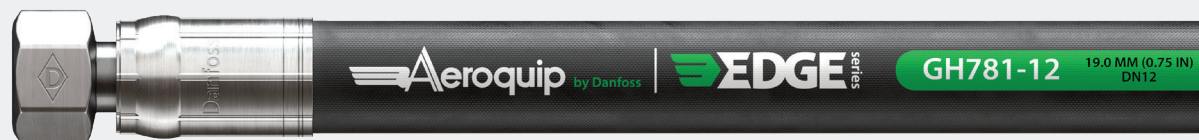
Learn more at
danfoss.com/edge



EDGE Premier Hydraulic Series • Braided

GH781

Core premium
two wire braided hose



Meets or exceeds:

SAE 100R16 | EN 857 2SC | ISO 18752 | ISO 11237

Typical application:

Hydraulic systems service with petroleum and water based fluids, for general use.

Agency specifications:	ABS DNV MSHA USCG
Hose construction:	Inner tube: Nitrile
	Reinforcement: Two wire braid
	Cover: DuraTUFF+ premium abrasion
Operating temperature:	-46°C to +126°C (-50°F to +260°F)
Qualified fittings:	1A series 2R series (-4, -6, -8, -12 & -16)

#	SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT	
	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
GH781-4	6,4	0.25	13,9	0.55	448	6,500	1,792	26,000	50,0	1.96	0,33	0.22
GH781-6	9,5	0.38	17,4	0.69	400	5,800	1,600	23,200	65,0	2.55	0,43	0.29
GH781-8	12,7	0.50	20,9	0.82	350	5,100	1,400	20,400	90,0	3.54	0,58	0.39
GH781-10	15,9	0.62	24,0	0.94	280	4,050	1,120	16,200	100,0	3.94	0,65	0.44
GH781-12	19,0	0.75	27,9	1.10	241	3,500	960	14,000	120,0	4.72	0,79	0.53
GH781-16	25,4	1.00	35,9	1.40	210	3,050	840	12,200	150,0	5.90	1,07	0.72
GH781-20	31,8	1.25	43,4	1.71	172	2,500	688	10,000	210,0	8.26	1,62	1.09
GH781-24	38,1	1.50	51,5	2.03	140	2,050	560	8,200	250,0	9.84	2,08	1.40
GH781-32	50,8	2.00	63,9	2.52	110	1,600	440	6,400	315,0	12.40	2,83	1.90

Aeroquip is a registered trademark of Danfoss. All other trademarks are property of their respective owners.

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

