

Eaton® Aeroquip GH425

Exceeds EN856 Type 4SP

GH425

New high performing four spiral hydraulic hose exceeding EN856 Type 4SP



Eaton is excited to introduce GH425, a new high performing four spiral hydraulic hose according to EN856 Type 4SP. The design of this new hose has been based on 2755, one of the most robust Aeroquip® hose. Enhanced compatibility for water-based fluids makes this hose suitable for underground mining applications.

Application

- Compact construction equipment
- Agricultural equipment
- Mining equipment
- Other industrial applications needing 4SP pressures

Features

- Exceeds 400.000 impulse cycles
- Higher pressure ratings than specified in EN856 Type 4SP
- Dura-Tuff cover- offering eight times more resistance than the average rubber covers
- Robust design based on Aeroquip's 2755 hose
- Qualified with Eaton's Non-Skive fittings

Benefits

- Extended product life expectancy over standard EN856 Type 4SP hoses
- Allows for use in a broader range of hydraulic systems where 4SH hoses may have been required in the past
- Provides additional abrasion resistance which is a leading cause of hydraulic hose failures

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# Part Number	Hose I.D.			Hose O.D.		Max. Operating Pressure		Burst Pressure		Min. Bend Radius		Weight	
	DN	mm	in	mm	in	bar	psi	bar	in	mm	in	kg/m	lb/ft
GH425-6	10	9.5	0.38	20.9	0.82	490	7100	1960	28400	180	7.09	0.70	0.47
GH425-8	12	12.7	0.50	24.4	0.96	420	6100	1680	24400	230	9.06	0.92	0.62
GH425-10	16	15.9	0.63	28.1	1.11	420	6100	1680	24400	250	9.84	1.13	0.76
GH425-12	19	19.1	0.75	32.9	1.30	380	5500	1520	22050	300	11.81	1.50	1.01
GH425-16	25	25.4	1.00	39.8	1.57	320	4650	1280	18600	340	13.39	2.15	1.44

Construction

- Synthetic rubber tube
- Four spiral reinforcement
- DURA-TUFF cover
- Ink transfer layline

Operating temperature

-40°C to +100
(-40°F to +212°F)

Agency listings

MSHA approved
DNV-GL

Application

- High pressure hydraulic systems
- Petroleum & water-based fluids
- Construction equipment
- Mining equipment

Approved fittings

- 1T series for sizes -6, -8, -10
- 4S series for sizes -12 & -16