

Hydraulic Hose

EATON

Aeroquip

GH425

Exceeds:

- EN 856 4SP

Applications:

- High pressure hydraulic systems with petroleum based fluids
- Challenging applications like construction equipment, agriculture machines, stationary applications
- For use with 4 S and 6S fittings

Construction:

- Synthetic nitrile rubber tube
- 4 high tensile spiral wire reinforcement
- Synthetic rubber cover

Agency Listings:

- MSHA, ABS
- DNV-GL



Working Temperature:

-40°C to +100°C
(-40°F to +212°F)
Short term to +120°C
Short term to +248°F



Per Metre

0235	ID	OD mm	bar	£
GH425-6	3/8"	21	490	32.40
GH425-8	1/2"	24.8	420	35.25
GH425-10	5/8"	28.4	420	41.45
GH425-12	3/4"	32.8	380	46.30
GH425-16	1"	39.8	320	54.80

FC500

Exceeds:

- SAE 100R13

Applications:

- High pressure hydraulic systems with petroleum or water based fluids for low temperature applications

- 4 high heavy spiral wire reinforcement (sizes -12 to -24), 6 high heavy spiral wire reinforcement (size -32)
- DURA-TUFF " rubber cover

Agency Listings:

- MSHA



Working Temperature:

-40°C to +127°C
(-40°F to +260°F)
Short term to +120°C
Short term to +248°F



Per Metre

0235	ID	OD mm	bar	£
FC500-12	3/4"	32	350	54.70
FC500-16	1"	39.1	350	64.80
FC500-20	1.1/4"	47	350	97.90
FC500-24	1.1/2"	55.1	350	127.45
FC500-32	2"	72.6	350	191.65

GH506

Exceeds:

- EN 856 4SH

Applications:

- High pressure hydraulic systems with petroleum based fluids
- Challenging applications like construction equipment, agriculture machines, stationary applications

Construction:

- Synthetic NBR rubber tube
- 4 high tensile spiral wire reinforcement
- Synthetic rubber cover



Working Temperature:

-40°C to +100°C
(-40°F to +212°F)
Short term to +120°C
Short term to +248°F



Per Metre

0235	ID	OD mm	bar	£
GH506-12	3/4"	33	420	42.30
GH506-16	1"	39.4	380	50.10
GH506-20	1.1/4"	47.1	350	75.85
GH506-24	1.1/2"	53.6	300	116.80
GH506-32	2"	68.1	250	159.65

GH466

Exceeds:

- SAE 100 R15

Applications:

- High pressure hydraulic systems with extreme peaks
- For use with petroleum and water based fluids
- For use with 6S and 1W series fittings

Construction:

- Synthetic rubber tube
- 6 high tensile spiral wire layers
- Synthetic DURA-TUFF " rubber cover

Agency Listings:

- MSHA



Working Temperature:

-40°C to +120°C
(-40°F to +248°F)



Per Metre

0235	ID	OD mm	bar	£
GH46 6-20	1.1/4"	51.3	420	116.80
GH466-24	1.1/2"	58.8	420	136.50
GH466-32	2"	72.7	420	234.00

EC850

Applications:

- High pressure hydraulic systems with petroleum based fluids
- Highly demanding applications like hydrostatic drive systems, high pressure direct steering and extremely high pressure hydraulic applications
- Critical applications in forestry, construction, agriculture, snow removal and other off-highway equipment
- For use with 1W fittings

Construction:

- Synthetic rubber tube
- Heavy four-spiral wire (sizes -10, -12, -16), heavy six-spiral wire (size -20)
- Highly abrasion resistant
- DURA-TUFF " rubber cover

Agency Listings:

- MSHA IC-84, DIN 5510



Working Temperature:

40°C to +100°C
(-40°F to +212°F)



Per Metre

0235	ID	OD mm	bar	£
EC850-10	5/8"	29	500	38.90
EC850-12	3/4"	33	500	55.45
EC850-16	1"	39.9	500	60.35
EC850-20	1.1/4"	47.1	500	119.15

FC636

Features

- Requires no skiving of hose
- High pressure performance up to 5,000 psi operating pressure
- Extensive temperature range from -40° F. to +175° F.
- Specifically developed for use with the following phosphate ester fluids:
 - Skydrol LD4
 - Skydrol 500B
 - Hyjet IVA Plus

Benefits

- Meets most operating pressure requirements of GSE systems
- Helps provide longer service life in the typical GSE operating temperature ranges
- EPDM hose can be selected from three construction choices:

- FC611 one wire braid and FC693 two wire braid constructions for use with TTC (Through-The-Cover) fittings
- FC636 four spiral wire construction for use with four wire spiral 4S fittings

Tech Sheet
68204



Per Metre

0235	ID	OD mm	bar	£
FC636-12	3/4"	30.5	275	104.55
FC636-16	1"	37.6	275	118.45
FC636-20	1.1/4"	46.5	206	125.45
FC636-24	1.1/2"	53.8	172	149.90

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