

# EAT•N

# Aeroquip

## BRUISER™

Abrasion-Resistant Polymer-Covered Hose

FC735

FC839B

FC849B

FC736

FC273B

FC606B

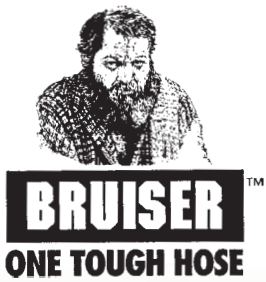


# BRUISER

## ONE TOUGH HOSE

 Aeroquip®





## FC735 BRUISER™

### Double wire braid

Exceeds DIN 20 0022  
Type 2SN HI-IMPULSE®  
at 1/2 SAE bend radius



PART NUMBER	HOSE I.D. Inches	MAXIMUM HOSE O.D. Inches	MAXIMUM OPERATING PRESSURE PSI	MINIMUM BURST PRESSURE PSI	MINIMUM BEND RADIUS Inches	WEIGHT PER FOOT Pounds
#						
FC735-04*	.25	.57	5000*	20000*	2.00	.22
FC735-06	.38	.70	5000	20000	2.50	.29
FC735-08	.50	.85	4250	17000	3.50	.39
FC735-10	.63	1.01	3625	14500	4.00	.44
FC735-12	.75	1.14	3125	12500	4.75	.53
FC735-16	1.00	1.43	2500	10000	6.00	.72
FC735-20	1.25	1.74	2250	9000	8.25	1.09

**Construction:** Synthetic rubber tube, double wire braid reinforcement, synthetic rubber intermediate cover, and BRUISER outer cover. Meets or exceeds DIN requirements at 1/2 SAE bend radius.

**Application:** High abrasion applications. Hydraulic system service with petroleum and water-base fluids, for general industrial service.

**Operating Temperature Range:** -40°F to +212°F (-40°C to +100°C). **Maximum Ambient Temperature:** 180°F (82°C).

**Fittings:** Global Skive and TTC (-4 to -20)

\*Meets SAE100R2 pressures.

## FC736 BRUISER™

### Four heavy spiral wire

Exceeds SAE 100R12



PART NUMBER	HOSE I.D. Inches	MAXIMUM HOSE O.D. Inches	MAXIMUM OPERATING PRESSURE PSI	MINIMUM BURST PRESSURE PSI	MINIMUM BEND RADIUS Inches	WEIGHT PER FOOT Pounds
#						
FC736-06	.38	.83	5500*	22000*	5.00	.44
FC736-08	.50	.97	5000*	20000*	7.00	.56
FC736-10	.63	1.11	5000*	20000	8.00	.66
FC736-12	.75	1.24	4000	16000	9.50	.88
FC736-16	1.00	1.54	4000	16000	12.00	1.18
FC736-20	1.25	1.91	3000	12000	16.50	1.57
FC736-24	1.50	2.17	2500	10000	20.00	2.01
FC736-32	2.00	2.69	2500	10000	25.00	2.94

**Construction:** Synthetic rubber tube, 4-heavy spiral wire reinforcement, synthetic rubber intermediate cover, and BRUISER outer cover.

**Application:** High abrasion applications. Hydraulic system service with petroleum and water-base fluids, for general industrial service.

**Operating Temperature Range:** -40°F to +250°F (-40°C to +121°C). **Maximum Ambient Temperature:** 180°F (82°C).

**Fittings:** Spiral single skive crimp (-6 through -20). Internal skive (-16 and -20 only). TTC12 (all sizes).

\*4,000 psi working pressure and 16,000 psi burst with TTC12 fittings.



**BRUISER™**  
**ONE TOUGH HOSE**



#### Features:

- Ultra-high molecular weight polyethylene outer covering material (same polymer as used on dump truck liners and snow ski bottoms)
- Slick and shiny appearance



#### Benefits:

- Highest abrasion resistance of any known polymer-covered hose material
- Greatly reduces costly downtime by preventing abrasion-related hose failures
- The lower coefficient of friction surface promotes faster installation and routing thus lowers overall installation costs
- Bruiser material helps repel mud and dirt buildup
- Lowers overall hose assembly costs, by eliminating the need to install abrasion resistant sleeving
- All Aeroquip BRUISER™ hoses carry our 5-Year Aeroquip warranty



BRUISER™ hose was designed to work where hydraulic hose is subjected to constant abuse and abrasion from:

- Hose-to-machine
- Hose-to-hose
- Hose-to-environment





**BRUISER™**  
**ONE TOUGH HOSE**

### FC273B BRUISER™

Four or six spiral wire  
SAE 100R13



PART NUMBER	HOSE I.D. Inches	MAXIMUM HOSE O.D. Inches	MAXIMUM OPERATING PRESSURE PSI	MINIMUM BURST PRESSURE PSI	MINIMUM BEND RADIUS Inches	WEIGHT PER FOOT Pounds
#						
FC273B-12	.75	1.31	5000	20000	9.50	1.04
FC273B-16	1.00	1.57	5000	20000	12.00	1.31
FC273B-20	1.25	2.02	5000	20000	16.50	2.44
FC273B-24	1.50	2.32	5000	20000	20.00	3.21
FC273B-32	2.00	2.86	5000	20000	25.00	4.74

**Construction:** Synthetic rubber tube, 4 or 6 spiral wire reinforcement, synthetic rubber intermediate cover, and BRUISER outer cover.

**Application:** High abrasion applications. Hydraulic system service with petroleum and water-base fluids, for general industrial service.

**Operating Temperature Range:** -40°F to +250°F (-40°C to +121°C). **Maximum Ambient Temperature:** 180°F (82°C).

**Fittings:** Global Spiral TTC.

### FC606B BRUISER™

Six spiral wire  
SAE 100R15



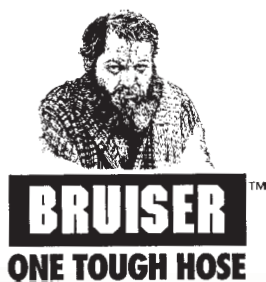
PART NUMBER	HOSE I.D. Inches	MAXIMUM HOSE O.D. Inches	MAXIMUM OPERATING PRESSURE PSI	MINIMUM BURST PRESSURE PSI	MINIMUM BEND RADIUS Inches	WEIGHT PER FOOT Pounds
#						
FC606B-16	1.00	1.69	6000	24000	12.00	1.75
FC606B-20	1.25	2.03	6000	24000	16.50	2.40
FC606B-24	1.50	2.32	6000	24000	20.00	3.07

**Construction:** Synthetic rubber tube, 6-spiral wire reinforcement, synthetic rubber intermediate cover, and BRUISER outer cover.

**Application:** High pressure hydraulics, hydrostatic transmissions.

**Operating Temperature Range:** -40°F to +250°F (-40°C to +121°C). **Maximum Ambient Temperature:** 180°F (82°C).

**Fittings:** Global Spiral TTC.



## FC839B BRUISER™

Single or Double Wire Braid  
3,000 psi Constant Pressure



PART NUMBER	HOSE I.D.	MAXIMUM HOSE O.D.	MAXIMUM OPERATING PRESSURE	MINIMUM BURST PRESSURE	MINIMUM BEND RADIUS	WEIGHT PER FOOT
	Inches	Inches	PSI	PSI	Inches	Pounds
#						
FC839B-04	0.25	.52	3000	12000	2.00	.15
FC839B-06	0.38	.67	3000	12000	2.50	.23
FC839B-08	0.50	.83	3000	12000	3.50	.32
FC839B-10*	0.63	1.02	3000	12000	4.00	.51
FC839B-12*	0.75	1.19	3000	12000	4.75	.63
FC839B-16*	1.00	1.52	3000	12000	6.00	.83

**Construction:** Synthetic rubber tube with one or two wire braid reinforcements, synthetic rubber intermediate cover, and BRUISER outer cover.

**Application:** General industrial and hydraulic system service with petroleum and water-base fluids. Recommended for high-pressure oil lines used on construction equipment and other off-highway applications.

**Operating Temperature Range:** -40°F to +212°F (-40°C to +100°C). **Maximum Ambient Temperature:** 180°F (82°C).

**Fittings:** Global Skive and TTC (-4 to -16).

\*Two braids of high tensile wire

## FC849B BRUISER™

Double Wire Braid  
4,000 psi Constant Pressure



PART NUMBER	HOSE I.D.	MAXIMUM HOSE O.D.	MAXIMUM OPERATING PRESSURE	MINIMUM BURST PRESSURE	MINIMUM BEND RADIUS	WEIGHT PER FOOT
	Inches	Inches	PSI	PSI	Inches	Pounds
#						
FC849B-04	.25	.62	4000	16000	2.00	.25
FC849B-06	.38	.78	4000	16000	2.50	.35
FC849B-08	.50	.90	4000	16000	3.50	.43
FC849B-10	.63	1.04	4000	16000	4.00	.61
FC849B-12	.75	1.20	4000	16000	4.75	.72

**Construction:** Synthetic rubber tube with two wire braid reinforcements, synthetic rubber intermediate cover, and BRUISER outer cover.

**Application:** General industrial and hydraulic system service with petroleum and water-base fluids. Recommended for high-pressure oil lines used on construction equipment and other off-highway applications.

**Operating Temperature Range:** -40°F to +212°F (-40°C to +100°C). **Maximum Ambient Temperature:** 180°F (82°C).

**Fittings:** Global Skive (-6 to -12), TTC (-4 to -12).



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