

EF 348 - MEDIUM PRESSURE HYDRAULIC HOSE - 1WB

Applicable Standard: EN One wire braid hose specification

Construction

- Core** Thermoplastic Elastomer
- Reinforcement** Single Braid of Steel Wire
- Cover** Polyurethane, Black Colour, Pin pricked (Optional)
- Application** Medium Pressure Hydraulic Lines 100 to 350 bar. Suitable for hydraulic application with increased resistance to abrasion for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural machinery, Earthmoving, Articulating & Telescopic booms and Material handling equipments. Can be used for industrial gases and other applications. Please consult manufacturer. Compact Construction compared to conventional single steel wire braid rubber hoses



Note: Available Twin & Multi lines with different Hose combination and Size. Also special colours available on request

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
EF348-02	-02	03	1/8	3.2	0.280	7.1	5,000	350	20,000	1,400	1.0	25	84.0
EF348-03	-03	05	3/16	4.8	0.380	9.7	5,000	350	17,400	1,200	1.2	30	141.0
EF348-04	-04	06	1/4	6.4	0.460	11.7	4,350	300	15,600	1,100	1.6	40	182.0
EF348-05	-05	08	5/16	8.0	0.535	13.6	3,500	240	14,000	960	2.0	50	222.0
EF348-06	-06	10	3/8	9.5	0.600	15.2	3,265	225	12,800	880	2.4	60	263.0
EF348-08	-08	12	1/2	12.7	0.725	18.4	2,750	190	10,000	700	3.0	75	350.0
EF348-10	-10	16	5/8	16.0	0.875	22.2	2,175	150	8,000	560	4.3	110	461.0
EF348-12	-12	20	3/4	19.0	1.020	25.9	1,890	130	6,400	460	6.0	150	550.0
EF348-16	-16	25	1	25.4	1.275	32.4	1,525	105	5,800	400	9.1	230	692.0



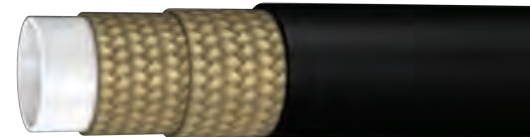
Temperature Range: Continuous: -40°C to +100°C Temp. not to exceed +70°C for Air and Water based fluids

EF 349 - HIGH PRESSURE HYDRAULIC HOSE - 2WB

Applicable Standard: Exceeds SAE / EN two wire braid hose specification

Construction

- Core** Thermoplastic Elastomer
- Reinforcement** Double Braids of Steel Wire
- Cover** Polyurethane, Black Colour, Pin pricked (Optional)
- Application** High Pressure Hydraulic Lines 150 to 450 bar compact, high pressure, light weight and low change in length. Suitable for hydraulic application with increased resistance to abrasion for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural machinery, Earthmoving, Safety, Rescue and Material handling equipments. Can be used for industrial gases and other applications. Please consult manufacturer. Compact Construction compared to conventional double steel wire braid rubber hoses



Note: Available Twin & Multi lines with different Hose combination and Size. Also special colours available on request

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	g/m
EF349-03	-03	05	3/16	4.8	0.460	11.7	6,500	450	26,000	1,800	3.1	80	267.0
EF349-04	-04	06	1/4	6.4	0.540	13.7	6,250	430	25,000	1,720	4.0	100	318.0
EF349-05	-05	08	5/16	8.0	0.600	15.2	5,500	380	22,000	1,520	4.3	110	391.0
EF349-06	-06	10	3/8	9.5	0.690	17.5	4,800	330	19,200	1,320	5.0	127	473.0
EF349-08	-08	12	1/2	12.7	0.830	21.1	3,900	270	15,600	1,080	7.0	178	613.0
EF349-10	-10	16	5/8	16.0	0.975	24.8	3,625	250	12,000	840	8.0	203	818.0
EF349-12	-12	20	3/4	19.0	1.120	28.4	3,120	215	10,000	700	10.0	250	934.0
EF349-16	-16	25	1	25.4	1.360	34.5	2,400	165	8,800	600	12.0	305	1114.0



Temperature Range: Continuous: -40°C to +100°C Temp. not to exceed +70°C for Air and Water based fluids

MT1

OIL PROOF COVER



Caratteristiche principali

- Pressione da 70 a 375 bar - rapporto sicurezza 1:4
- Pressione da 94 a 500 bar - rapporto sicurezza 1:3
- Normativa SAE 100R1, EN 853 1ST, 1SN - EN 857 1SC
- Soluzione conduttiva ad alta pressione per olii, polioli, solventi, vernici e gas compatibili

Main Features

- Pressure from 70 to 375 bar - safety ratio 1:4
- Pressure from 94 to 500bar - safety ratio 1:3
- SAE 100R1, EN 853 1ST, 1SN - EN 857 1SC standards
- High pressure conductive solution for oils, polyols, solvents, paints and compatible gases

Caratteristiche tecniche

- **Caratteristiche tecnico-costruttive:**
Anima interna in poliammide, rinforzo in treccia acciaio ad alta resistenza e rivestimento esterno in poliuretano antiabrasione, a richiesta microperforato per passaggio aria e gas compatibili.
- **Temperature di utilizzo:**
Da -40°C a +100°C Da -40°F a +212°F
Per aria, acqua e fluidi a base acquosa la temperatura massima di esercizio è + 70°C (+158°F).
- **Pressioni d'esercizio:**
Rapporto di sicurezza 1:4 per pressione DINAMICA
Rapporto di sicurezza 1:3 per pressione STATICA
- **Valore max. di vuoto:**
0,93 bar; 700 mm Hg
- **Specifiche:**
Tubazioni conformi o superiori alle pressioni delle norme SAE 100R1 - EN 853 1ST, 1SN - EN 857 1SC.

Technical Features

- **Technical-constructive features:**
Inner core in polyamide, reinforcement in high tensile steel braid and exterior covering in antiabrasion polyurethane, micro perforated on request for the conduction of air and compatible gases.
- **Working temperature:**
from -40°C to +100°C from -40°F to +212°F
Max. working temperature of air, water and water-based fluids is + 70°C (+158°F).
- **Working pressure:**
Safety ratio 1:4 for Dynamic Pressure
Safety ratio 1:3 for Static Pressure
- **Vacuum rating:**
0.93 bar; 700 mm Hg
- **Specifications:**
Hoses meet or exceed pressures under SAE 100R1 - EN 853 1ST, 1SN - EN 857 1SC Standards.

Scheda tecnica - Data Sheet



CODE	inch	-dash	mm	DN	inch	mm	bar	psi	bar	psi	mm	inch	g/m	lbs/ft	FERRULE CODE
MT110000	1/8"	-2	3.5	3	0.295	7.5	375	5437	500	7250	30	1.18	76	0.051	BP18MT1
MT120000	3/16"	-3	4.8	5	0.394	10.0	350	5075	467	6772	30	1.18	131	0.088	BP316R7
MT130000	1/4"	-4	6.4	6	0.469	11.9	300	4350	400	5800	40	1.57	165	0.111	BP14MT1
MT140000	5/16"	-5	8.0	8	0.551	14.0	240	3480	320	4640	50	1.97	205	0.138	BP516R7V
MT150000	3/8"	-6	9.7	10	0.630	16.0	225	3262	300	4350	60	2.36	253	0.170	BP38R1TV
MT160000	1/2"	-8	13.0	12	0.756	19.2	190	2755	254	3683	75	2.95	314	0.211	BP12R2TV
MT170000	5/8"	-10	16.3	16	0.917	23.3	150	2175	200	2900	110	4.33	406	0.273	BP58R7V
MT180000	3/4"	-12	19.2	19	1.003	25.5	130	1885	174	2523	150	5.91	447	0.300	BP34R7V
MT190000	1"	-16	25.6	25	1.280	32.5	105	1520	140	2030	185	7.28	590	0.396	BP1R7V
MT1100000	1 1/4"	-20	32.0	32	1.574	40.0	70	1015	94	1360	290	11.41	842	0.566	BP114JC7