

## 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 |



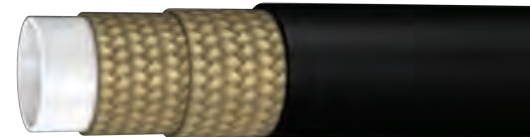
**Temperature Range:** Continuous: -40°C to +100°C Temp. not to exceed +70°C for Air and Water based fluids

## 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

# MT2

## OIL PROOF COVER



### Caratteristiche principali

- Pressione da 165 a 400 bar - rapporto sicurezza 1:4
- Pressione da 220 a 534 bar - rapporto sicurezza 1:3
- Normativa SAE 100R2
- Soluzione conduttiva ad alta pressione per vernici, solventi e sistemi di schiumatura ed iniezione poliuretanica

### Main Features

- Pressure from 165 to 400 bar - safety ratio 1:4
- Pressure from 220 to 534 bar - safety ratio 1:3
- SAE 100R2 Standard
- High pressure conductive solution for paints, solvents, foaming and PU injection systems

### Caratteristiche tecniche

- **Caratteristiche tecnico-costruttive:**  
Anima interna in poliammide, rinforzo con doppia 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 della norma SAE 100R2.

### Technical Features

- **Technical-constructive features:**  
Inner core in polyamide, reinforcement in double 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 per STATIC pressure
- **Vacuum rating:**  
0.93 bar; 700 mm Hg
- **Specifications:**  
Hoses meet or exceed pressures of the SAE 100R2 Standard.

### Scheda tecnica - Data Sheet



| CODE     | inch  | -dash | mm   | DN | inch  | mm   | bar | psi  | bar | psi  | mm  | inch | g/m  | lbs/ft | FERRULE CODE |
|----------|-------|-------|------|----|-------|------|-----|------|-----|------|-----|------|------|--------|--------------|
| MT230000 | 1/4"  | -4    | 6.4  | 6  | 0.531 | 13.5 | 400 | 5800 | 534 | 7740 | 40  | 1.57 | 286  | 0.192  | BP14R2TV     |
| MT240000 | 5/16" | -5    | 8.0  | 8  | 0.594 | 15.1 | 350 | 5075 | 467 | 6772 | 50  | 1.97 | 340  | 0.228  | BP38R7V      |
| MT250000 | 3/8"  | -6    | 9.7  | 10 | 0.669 | 17.0 | 300 | 4785 | 440 | 6380 | 60  | 2.36 | 408  | 0.274  | BP38R2T      |
| MT260000 | 1/2"  | -8    | 13.0 | 12 | 0.846 | 21.5 | 275 | 3988 | 367 | 5322 | 75  | 2.95 | 582  | 0.391  | BP12R2TV     |
| MT270000 | 5/8"  | -10   | 16.3 | 16 | 0.965 | 24.5 | 250 | 3625 | 334 | 4843 | 110 | 4.33 | 639  | 0.429  | BP34R7V      |
| MT280000 | 3/4"  | -12   | 19.2 | 19 | 1.083 | 27.5 | 215 | 3118 | 287 | 4162 | 150 | 5.91 | 765  | 0.514  | BP34JC7      |
| MT290000 | 1"    | -16   | 25.6 | 25 | 1.378 | 35.0 | 165 | 2400 | 220 | 3190 | 185 | 7.28 | 1026 | 0.689  | BP1R1T       |