

# SAE/100-R4/FLEX

H.T. - FUEL & OIL - S&D - SAE 100R4 SAE J 517 -

## IT IMPIEGO

**Tubo in gomma spiralato** liscio idoneo per aspirazione e mandata di fluidi idraulici, olii minerali, carburante.

Normative di riferimento: SAE J 517 : SAE/100-R4.

• **TEMPERATURA:** -40°C +100°C

## STRUTTURA

- **Sottostrato:** liscio in gomma nera NBR antistatica resistente ai prodotti petroliferi con contenuto aromatico non superiore al 50%.
- **Rinforzi:** spirale metallica incorporata con tessuti sintetici ad alta resistenza. Cordicella di rame.
- **Copertura:** in gomma nera CR/NBR resistente all'abrasione, al calore, agli olii, ai carburanti e agli agenti atmosferici.
- **Superficie:** liscia ad impressione tela.
- **Marcatura:** listino scritta rossa "H.T. - FUEL & OIL - S&D - SAE/100 R4 SAE J517 W.P. PSI".

**Disponibile su richiesta:**

**SAE100/R4 FLEX ZINC:** con rivestimento in calza di acciaio zincato.

**SAE100/R4 FLEX INOX:** con rivestimento in calza di acciaio inox.

## EN APPLICATION

**Hardwall smooth cover rubber hose** suitable for suction and delivery of hydraulic fluids, mineral oils, fuel.

Standards: SAE J 517 : SAE/100-R4.

• **TEMPERATURE RANGE:** -40°C +100°C

## CONSTRUCTION

- **Tube:** black, smooth, petroleum products up to 50% aromatic content resistant antistatic NBR rubber.
- **Reinforcement:** steel wire helix with high strength synthetic textile plies. Copper wire.
- **Cover:** black, abrasion, heat, oils, fuels and weathering resistant CR/NBR rubber.
- **Surface:** smooth fabric finished.
- **Branding:** red transfer tape lettering "H.T. - FUEL & OIL - S&D SAE/100 R4 SAE J517 W.P. PSI".

**Available on request:**

**SAE100/R4 FLEX ZINC:** galvanized steel wire braided cover.

**SAE100/R4FLEX INOX:** stainless wire braided cover.

| DIAMETRO INTERNO<br>INSIDE DIAMETER |          | DIAMETRO ESTERNO<br>OUTSIDE DIAMETER |           | PESO TEORICO<br>WEIGHT |        | PRESS. ESERCIZIO<br>WORKING PRESSURE |     | PRESS. SCOPPIO<br>BURST PRESSURE |      | ASPIRAZ.<br>VACUUM | RAGGIO DI CURVATURA<br>BENDING RADIUS |        | LUNGHEZZA<br>LENGTH |      |
|-------------------------------------|----------|--------------------------------------|-----------|------------------------|--------|--------------------------------------|-----|----------------------------------|------|--------------------|---------------------------------------|--------|---------------------|------|
| mm                                  | inch     | mm                                   | inch      | kg/mt                  | lbs/ft | bar                                  | psi | bar                              | psi  | bar                | mm                                    | inch   | mt                  | ft   |
| 13                                  | 1/2"     | 23                                   | 29/32"    | 0.43                   | 0.29   | 10                                   | 150 | 30                               | 450  | 0.8                | 50                                    | 1.97"  | 40                  | 131  |
| 16                                  | 5/8"     | 26                                   | 1.1/32"   | 0.47                   | 0.32   | 10                                   | 150 | 30                               | 450  | 0.8                | 50                                    | 1.97"  | 40                  | 131  |
| 19                                  | 3/4"     | 29                                   | 1.5/32"   | 0.57                   | 0.38   | 21                                   | 315 | 84                               | 1260 | 0.8                | 50                                    | 1.97"  | 40                  | 131  |
| 22                                  | 7/8"     | 32                                   | 1.1/4"    | 0.61                   | 0.41   | 10                                   | 150 | 30                               | 450  | 0.8                | 70                                    | 2.75"  | 40                  | 131  |
| 25                                  | 1"       | 35                                   | 1.3/8"    | 0.74                   | 0.50   | 17                                   | 255 | 68                               | 1020 | 0.8                | 70                                    | 2.75"  | 40                  | 131  |
| 30                                  | 1.3/16"  | 41                                   | 1.5/8"    | 0.97                   | 0.65   | 10                                   | 150 | 30                               | 450  | 0.8                | 90                                    | 3.54"  | 40                  | 131  |
| 32                                  | 1.1/4"   | 43                                   | 1.11/16"  | 1.03                   | 0.69   | 14                                   | 210 | 56                               | 840  | 0.8                | 90                                    | 3.54"  | 40                  | 131  |
| 35                                  | 1.3/8"   | 46                                   | 1.9/16"   | 1.18                   | 0.79   | 10                                   | 150 | 30                               | 450  | 0.8                | 100                                   | 3.94"  | 40                  | 131  |
| 38                                  | 1.1/2"   | 49                                   | 1.15/16"  | 1.20                   | 0.81   | 10                                   | 150 | 30                               | 450  | 0.8                | 100                                   | 3.94"  | 40                  | 131  |
| 40                                  | 1.9/16"  | 52                                   | 2.1/16"   | 1.30                   | 0.87   | 10                                   | 150 | 30                               | 450  | 0.8                | 120                                   | 4.72"  | 40                  | 131  |
| 42                                  | 1.21/32" | 54                                   | 2.1/8"    | 1.50                   | 1.01   | 10                                   | 150 | 30                               | 450  | 0.8                | 120                                   | 4.72"  | 40                  | 131  |
| 45                                  | 1.3/4"   | 57                                   | 2.1/4"    | 1.63                   | 1.10   | 10                                   | 150 | 30                               | 450  | 0.8                | 120                                   | 4.72"  | 40                  | 131  |
| 48                                  | 1.7/8"   | 60                                   | 2.3/8"    | 1.66                   | 1.11   | 10                                   | 150 | 30                               | 450  | 0.8                | 130                                   | 5.12"  | 40                  | 131  |
| 51                                  | 2"       | 63                                   | 2.1/2"    | 1.70                   | 1.14   | 10                                   | 150 | 30                               | 450  | 0.8                | 135                                   | 5.32"  | 40                  | 131  |
| 55                                  | 2.5/32"  | 67                                   | 2.41/64"  | 1.90                   | 1.22   | 10                                   | 150 | 30                               | 450  | 0.8                | 180                                   | 7.09"  | 40                  | 131  |
| 60                                  | 2.3/8"   | 72                                   | 2.3/4"    | 2.25                   | 1.51   | 10                                   | 150 | 30                               | 450  | 0.8                | 340                                   | 13.38" | 40                  | 131  |
| 63.5                                | 2.1/2"   | 75                                   | 3"        | 2.50                   | 1.68   | 10                                   | 150 | 30                               | 450  | 0.8                | 340                                   | 13.38" | 20                  | 65.5 |
| 70                                  | 2.3/4"   | 82                                   | 3.7/32"   | 2.75                   | 1.84   | 10                                   | 150 | 30                               | 450  | 0.8                | 420                                   | 16.54" | 20                  | 65.5 |
| 76                                  | 3"       | 88                                   | 3.7/16"   | 3.10                   | 2.08   | 10                                   | 150 | 30                               | 450  | 0.8                | 460                                   | 18.11" | 20                  | 65.5 |
| 80                                  | 3.5/32"  | 93                                   | 3.11/16"  | 3.55                   | 2.39   | 10                                   | 150 | 30                               | 450  | 0.8                | 480                                   | 18.90" | 20                  | 65.5 |
| 90                                  | 3.17/32" | 103                                  | 4"        | 4.10                   | 2.75   | 10                                   | 150 | 30                               | 450  | 0.8                | 520                                   | 20.47" | 20                  | 65.5 |
| 102                                 | 4"       | 116                                  | 4.9/1"    | 4.50                   | 3.02   | 10                                   | 150 | 30                               | 450  | 0.8                | 610                                   | 24.01" | 20                  | 65.5 |
| 114                                 | 4.1/2"   | 131                                  | 5.1/8"    | 5.70                   | 3.83   | 10                                   | 150 | 30                               | 450  | 0.8                | 720                                   | 27.36" | 20                  | 65.5 |
| 120                                 | 4.3/4"   | 139                                  | 5.1/2"    | 6.00                   | 4.05   | 10                                   | 150 | 30                               | 450  | 0.8                | 810                                   | 31.50" | 20                  | 65.5 |
| 127                                 | 5"       | 146                                  | 5" 21/32" | 6.50                   | 4.36   | 10                                   | 150 | 30                               | 450  | 0.8                | 900                                   | 35.43" | 20                  | 65.5 |

Altri diametri e/o pressioni realizzabili su richiesta - Le caratteristiche e i dati tecnici possono essere modificati senza preavviso.

Other diameters and/or pressures are feasible upon request - The characteristics and technical data could be changed without warning.