

H280 WeatherSHIELD™ Hydraulic Hose

Meets and exceeds SAE 100R16 Type S, EN857 2SC,
ISO 11237-1 Type 2SC performance



Diamond Advantage

- Pressure
- Temperature
- Abrasion Resistance



| # Part Number | Hose I.D. | | | Hose O.D. | | | Working Pressure | | Min. Burst Pressure | | Min. Bend Radius | | Hose Weight | | Avail. Lengths feet |
|--------------------------------------|-----------|------|----------|-----------|------|----------|------------------|-------|---------------------|--------|------------------|-------|-------------|-----------|------------------------|
| | mm | in | fraction | mm | in | fraction | bar | psi | bar | psi | mm | in | Kg/m | lbs/100ft | |
| H28004 H28004-250R H28004-500R | 6,4 | 0.25 | 1/4 | 13,5 | 0.53 | 17/32 | 448 | 6,500 | 1,792 | 26,000 | 50,8 | 2.00 | 10,0 | 22 | 50 250 500 |
| H28006 H28006-250R H28006-500R | 9,5 | 0.38 | 3/8 | 17,5 | 0.69 | 11/16 | 366 | 5,300 | 1,464 | 21,200 | 63,5 | 2.50 | 13,2 | 29 | 50 250 500 |
| H28008 H28008-250R H28008-500R | 12,7 | 0.50 | 1/2 | 20,6 | 0.81 | 13/16 | 310 | 4,500 | 1,240 | 18,000 | 88,9 | 3.50 | 17,7 | 39 | 50 250 500 |
| H28010 H28010-250R | 15,9 | 0.63 | 5/8 | 23,8 | 0.94 | 15/16 | 276 | 4,000 | 1,104 | 16,000 | 101,6 | 4.00 | 20,0 | 44 | 50 250 |
| H28012 H28012-250R | 19,1 | 0.75 | 3/4 | 27,8 | 1.09 | 1-3/32 | 241 | 3,500 | 964 | 14,000 | 120,7 | 4.75 | 24,1 | 53 | 50 250 |
| H28016 H28016-250R | 25,4 | 1.00 | 1 | 35,7 | 1.41 | 1-13/32 | 207 | 3,000 | 828 | 12,000 | 152,4 | 6.00 | 32,7 | 72 | 50 250 |
| H28020 H28020-150 | 31,8 | 1.25 | 1-1/4 | 41,9 | 1.65 | 1-13/20 | 172 | 2,500 | 688 | 10,000 | 209,6 | 8.25 | 49,5 | 109 | 50 150 |
| H28024 H28024-150 | 38,1 | 1.50 | 1-1/2 | 51,6 | 2.03 | 2 | 138 | 2,000 | 552 | 8,000 | 254,0 | 10.00 | 63,6 | 140 | 50 150 |
| H28032 | 50,8 | 2.00 | 2 | 64,3 | 2.53 | 2-1/2 | 110 | 1,600 | 440 | 6,400 | 317,5 | 12.50 | 86,4 | 190 | 50 |

Inner Tube:

Synthetic rubber tube

Reinforcement:

2 Steel Braids

Cover: WeatherSHIELD

Synthetic rubber cover

Temp. Range:

Petroleum-based
Hydraulic Fluids:
-40°C to +127°C
(-40°F to +260°F)

Water-based Hydraulic Fluids:

-40°C to +70°C
(-40°F to +158°F)

Typical Application:

Hydraulic system service
with petroleum and water-
based fluids, for general
industrial service.

MSHA Accepted

Hose Fitting Reference Page

C-O-C

'Z' Series

J-69-94