

COMMANDER® ACID DISCHARGE

This is to be used as a discharge hose only. This hose handles many highly corrosive acids such as sulphuric acid, chromic acid, nitric acid, sodium dichromate, sodium hydrochlorite and glacial acetic acid. Good for use where acid slurry deposits on hose. The neoprene rubber cover resists abrasion, sunlight, weathering and scuffing.

▲ See Chemical Hose Warnings, pages 9 and 128.



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| Resistance: | |
| Branding: | Thermoid HBD Industries Commander Acid Discharge Hose Hypalon Tube Made In USA |

Cover Color: Black
Oil Resistance: Medium
Construction:
Tube: 3/16" CSM compound
Cover: CR
Reinforcement: Multiple plies of strong, square-woven duck
Temperature Range: -40°F to +160°F
 -40°C to +71°C

Consult the Chemical Resistance Guide for specific chemical/temperature recommendations.

Packaging: 50 ft. lengths
Minimum Run: 500 ft./size

| Product Number | Nominal I.D. | | Nominal O.D. | | Plies | Working Pressure | | Min. Bend Radius | | Weight | |
|----------------|--------------|-------|--------------|-------|-------|------------------|-------|------------------|------|---------|--------|
| | (inches) | (mm) | (inches) | (mm) | | (psi) | (Mpa) | (inches) | (mm) | (lb/ft) | (Kg/m) |
| 21204435502▲ | 1/2 | 12.70 | 1.25 | 31.75 | 4 | 150 | 1.03 | n/a | n/a | 0.50 | 0.74 |
| 21204436502▲ | 3/4 | 19.05 | 1.50 | 38.10 | 4 | 150 | 1.03 | n/a | n/a | 0.60 | 0.89 |
| 21204437502▲ | 1 | 25.40 | 1.75 | 44.45 | 4 | 150 | 1.03 | n/a | n/a | 0.80 | 1.19 |
| 21204438502▲ | 1-1/4 | 31.75 | 2.00 | 50.80 | 4 | 150 | 1.03 | n/a | n/a | 0.90 | 1.34 |
| 21204439502▲ | 1-1/2 | 38.10 | 2.25 | 57.15 | 4 | 100 | 0.69 | n/a | n/a | 1.00 | 1.49 |
| 21204440502▲ | 2 | 50.80 | 2.81 | 71.44 | 4 | 100 | 0.69 | n/a | n/a | 1.40 | 2.08 |
| 21204441502▲ | 2-1/2 | 63.50 | 3.31 | 84.14 | 4 | 75 | 0.52 | n/a | n/a | 1.70 | 2.53 |
| 21204442502▲ | 3 | 76.20 | 3.81 | 96.84 | 4 | 75 | 0.52 | n/a | n/a | 2.00 | 2.98 |

▲ = Make To Order (MTO)
 n/a = Not Applicable

COMMANDER® ACID SUCTION & DISCHARGE

This hose is used for suction and discharge in handling many highly corrosive acids and other materials such as sulphuric acid, chromic acid, nitric acid, sodium dichromate, sodium hypochlorite and glacial acetic acid. This hose can be assembled with Flexlock™ or Flexseal™ ends, so no metal contacts corrosives. The black neoprene cover resists abrasion, sunlight, weather and scuffing. Flexible construction keeps the hose round when bent, reducing kinking. The helical wire and multiple plies of reinforcement enable this hose to maintain full vacuum and be able to handle the discharge pressures. Tube thickness can be specified to meet various conditions used in an open, well-ventilated environment.

▲ See Chemical Hose Warnings, pages 9 and 128.



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| Resistance: | |
| Branding: | Thermoid HBD Industries Commander Acid Suction and Discharge Hose Hypalon Tube Made In USA |

Cover Color: Black
Oil Resistance: Medium
Construction:
Tube: 3/16" CSM compound
Cover: CR
Reinforcement: Multiple plies of strong, square-woven duck with helical wire
Temperature Range: -40°F to +160°F
 -40°C to +71°C

Consult the Chemical Resistance Guide for specific chemical/temperature recommendations.

Packaging: 50 ft. lengths maximum
Minimum Run: Varies with size. Contact customer service for required minimums

| Product Number | Nominal I.D. | | Nominal O.D. | | Plies | Working Pressure | | Min. Bend Radius | | Weight | |
|----------------|--------------|--------|--------------|--------|-------|------------------|-------|------------------|---------|---------|--------|
| | (inches) | (mm) | (inches) | (mm) | | (psi) | (Mpa) | (inches) | (mm) | (lb/ft) | (Kg/m) |
| 21204460502▲ | 1-1/2 | 38.10 | 2.38 | 60.33 | 2 | 100 | 0.69 | 5.00 | 127.00 | 1.90 | 2.83 |
| 21204462502▲ | 2 | 50.80 | 3.06 | 77.79 | 3 | 100 | 0.69 | 7.00 | 177.80 | 2.70 | 4.02 |
| 21204464502▲ | 2-1/2 | 63.50 | 3.50 | 88.90 | 3 | 75 | 0.52 | 8.00 | 203.20 | 3.20 | 4.76 |
| 21204466502▲ | 3 | 76.20 | 4.00 | 101.60 | 3 | 75 | 0.52 | 9.00 | 228.60 | 3.80 | 5.66 |
| 11404468502▲ | 3-1/2 | 88.90 | 4.50 | 114.30 | 3 | 75 | 0.52 | 12.00 | 304.80 | 4.20 | 6.25 |
| 11404470502▲ | 4 | 101.60 | 5.06 | 128.59 | 4 | 75 | 0.52 | 16.00 | 406.40 | 5.30 | 7.89 |
| 11404472502▲ | 4-1/2 | 114.30 | 5.69 | 144.46 | 4 | 75 | 0.52 | 18.00 | 457.20 | 6.40 | 9.52 |
| 11404474502▲ | 5 | 127.00 | 6.19 | 157.16 | 4 | 50 | 0.34 | 25.00 | 635.00 | 7.30 | 10.86 |
| 11404476502▲ | 6 | 152.40 | 7.19 | 182.56 | 4 | 50 | 0.34 | 30.00 | 762.00 | 8.50 | 12.65 |
| 11404478502▲ | 6-5/8 | 168.28 | 7.81 | 198.44 | 5 | 50 | 0.34 | 39.75 | 1009.65 | 9.80 | 14.58 |
| 11404480502▲ | 8 | 203.20 | 9.31 | 236.54 | 5 | 50 | 0.34 | 48.00 | 1219.20 | 13.30 | 19.79 |
| 11404482502▲ | 8-5/8 | 219.08 | 9.94 | 252.41 | 5 | 50 | 0.34 | 51.75 | 1314.45 | 15.00 | 22.32 |