

CHEMIGEN /10

EPDM DELIVERY HOSE FOR CHEMICAL PRODUCTS



APPLICATION

Delivery hose for chemical products. Suitable for industrial water and water treatment plants. For deeper information, please check the chemical resistance table at the end of the catalog

TUBE

Black, smooth, **EPDM** antistatic rubber compound

REINFORCEMENT

High strength synthetic plies

COVER

Black, smooth, antistatic cloth impression **EPDM** rubber compound, resistant to chemical products, ozone and weather

WORKING TEMPERATURE

-40°F +212°F
-40°C +100°C

| ID | | OD | | WEIGHT | WP | | BP | | COIL LENGTH |
|-----|---------|-----|---------|--------|-----|-----|-----|-----|-------------|
| mm | inch | mm | inch | kg/m | bar | psi | bar | psi | m |
| 13 | 1/2 | 23 | 29/32 | 0.38 | 10 | 150 | 30 | 450 | 40 |
| 19 | 3/4 | 29 | 1 9/64 | 0.44 | 10 | 150 | 30 | 450 | 40 |
| 20 | 25/32 | 30 | 1 3/16 | 0.46 | 10 | 150 | 30 | 450 | 40/60 |
| 25 | 1 | 35 | 1 3/8 | 0.55 | 10 | 150 | 30 | 450 | 40/60 |
| 30 | 1 3/16 | 42 | 1 21/32 | 0.85 | 10 | 150 | 30 | 450 | 40/60 |
| 32 | 1 1/4 | 44 | 1 47/64 | 0.88 | 10 | 150 | 30 | 450 | 40/60 |
| 35 | 1 3/8 | 47 | 1 27/32 | 1.05 | 10 | 150 | 30 | 450 | 40/60 |
| 38 | 1 1/2 | 52 | 2 15/32 | 1.21 | 10 | 150 | 30 | 450 | 40/60 |
| 40 | 1 37/64 | 55 | 2 11/64 | 1.41 | 10 | 150 | 30 | 450 | 40/60 |
| 51 | 2 | 66 | 2 19/32 | 1.81 | 10 | 150 | 30 | 450 | 40/60 |
| 60 | 2 23/64 | 76 | 3 | 2.08 | 10 | 150 | 30 | 450 | 40/60 |
| 80 | 3 5/32 | 96 | 3 25/32 | 2.77 | 10 | 150 | 30 | 450 | 40/60 |
| 102 | 4 | 118 | 4 41/64 | 3.60 | 10 | 150 | 30 | 450 | 40/60 |

Other diameters, pressure ratings are available on request. Technical data, structures and polymers are subject to change without notice.

BRANDING



CHEMIGEN D /16 EN12115

EPDM DELIVERY HOSE FOR CHEMICAL PRODUCTS - EN 12115



APPLICATION

Delivery hose for aggressive chemical products as per EN 12115 specification. For deeper information, please check the chemical resistance table at the end of the catalog

TUBE

Black, smooth, **EPDM** antistatic rubber compound

REINFORCEMENT

High strength synthetic plies and 2 crossing copper wires for hose grounding

COVER

Black, smooth, fire proof and antistatic ($R < 10^6$ Ohm/m), cloth impression **CR** rubber compound, resistant to chemical products, ozone and weather

WORKING TEMPERATURE

-40°F +212°F
-40°C +100°C

SPECIFICATIONS

EN 12115 / TRbF

| ID | | OD | | WEIGHT | WP | | BP | | BENDING RADIUS | COIL LENGTH |
|------|-------|-----|---------|--------|-----|-----|-----|-----|----------------|-------------|
| mm | inch | mm | inch | kg/m | bar | psi | bar | psi | mm | m |
| 19 | 3/4 | 31 | 1 7/32 | 0.60 | 16 | 240 | 64 | 960 | 125 | 40 |
| 25 | 1 | 37 | 1 29/64 | 0.80 | 16 | 240 | 64 | 960 | 150 | 40/61 |
| 32 | 1 1/4 | 44 | 1 47/64 | 1.00 | 16 | 240 | 64 | 960 | 175 | 40/61 |
| 38 | 1 1/2 | 51 | 2 | 1.25 | 16 | 240 | 64 | 960 | 225 | 40/61 |
| 51 | 2 | 67 | 2 41/64 | 2.00 | 16 | 240 | 64 | 960 | 275 | 40/61 |
| 63.5 | 2 1/2 | 80 | 3 5/32 | 2.40 | 16 | 240 | 64 | 960 | 300 | 40/61 |
| 76 | 3 | 92 | 3 5/8 | 2.80 | 16 | 240 | 64 | 960 | 350 | 40/61 |
| 102 | 4 | 118 | 4 41/64 | 3.80 | 12 | 180 | 48 | 720 | 450 | 40/61 |

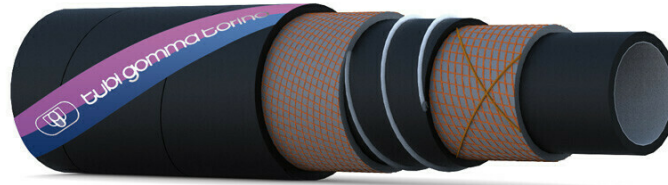
Other diameters, pressure ratings are available on request. Technical data, structures and polymers are subject to change without notice.

BRANDING



CHEMISTAR SD /16 - EN 12115

FEP SUCTION AND DELIVERY HOSE FOR CHEMICAL PRODUCTS - EN 12115



APPLICATION

Suction and delivery hose for chemicals, petroleum and food stuffs as per EN 12115 specification. For deeper information, please check the chemical resistance table at the end of the catalog. The hose liner is FDA approved

TUBE

White, glossy, non conductive **FEP** (Fluorinated ethylen propylene)

REINFORCEMENT

High strength synthetic plies, with steel spirals and 2 crossing copper wires for hose grounding

COVER

Black, smooth, fire proof and antistatic ($R < 10^6$ Ohm/m), cloth impression **CR** rubber compound, resistant to chemical products, ozone and weather

WORKING TEMPERATURE

-58°F +338°F

-50°C +170°C

SPECIFICATIONS

EN 12115 / TRbF / FDA

| ID | | OD | | WEIGHT | WP | | BP | | BENDING RADIUS | VACUUM | COIL LENGTH |
|----|-------|----|---------|--------|-----|-----|-----|-----|----------------|--------|-------------|
| mm | inch | mm | inch | kg/m | bar | psi | bar | psi | mm | bar | m |
| 13 | 1/2 | 25 | 1 | 0.32 | 16 | 240 | 64 | 960 | 84 | 0.9 | 20 |
| 19 | 3/4 | 31 | 1 7/32 | 0.47 | 16 | 240 | 64 | 960 | 125 | 0.9 | 20 |
| 25 | 1 | 37 | 1 29/64 | 0.58 | 16 | 240 | 64 | 960 | 150 | 0.9 | 20 |
| 32 | 1 1/4 | 44 | 1 47/64 | 0.92 | 16 | 240 | 64 | 960 | 175 | 0.9 | 20 |
| 38 | 1 1/2 | 51 | 2 | 1.20 | 16 | 240 | 64 | 960 | 225 | 0.9 | 20 |
| 51 | 2 | 67 | 2 41/64 | 2.12 | 16 | 240 | 64 | 960 | 275 | 0.9 | 20 |

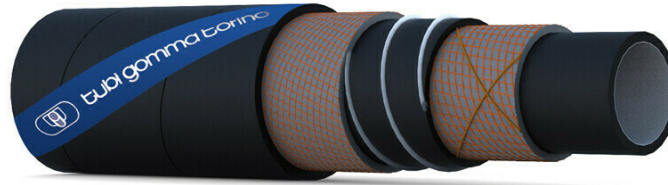
Other diameters, pressure ratings are available on request. Technical data, structures and polymers are subject to change without notice.

BRANDING



CHEMIGREN SD /16 EN12115

UHMWPE SUCTION AND DELIVERY HOSE FOR CHEMICAL PRODUCTS - EN 12115



APPLICATION

Suction and delivery hose for chemicals, petroleum and food stuffs as per EN 12115 specification. For deeper information, please check the chemical resistance table at the end of the catalog. The hose liner is FDA approved

TUBE

Translucent, non conductive **UHMWPE**

REINFORCEMENT

High strength synthetic plies, with steel spirals and 2 crossing copper wires for hose grounding

COVER

Black, smooth, fire proof and antistatic ($R < 10^6$ Ohm/m), cloth impression **CR** rubber compound, resistant to chemical products, ozone and weather

WORKING TEMPERATURE

-4°F +212°F
-20°C +100°C

SPECIFICATIONS

EN 12115 / TRbF / FDA

| ID | | OD | | WEIGHT | WP | | BP | | BENDING RADIUS | VACUUM | COIL LENGTH |
|------|-------|-----|---------|--------|-----|-----|-----|-----|----------------|--------|-------------|
| mm | inch | mm | inch | kg/m | bar | psi | bar | psi | mm | bar | m |
| 19 | 3/4 | 31 | 1 7/32 | 0.71 | 16 | 240 | 64 | 960 | 125 | 0.9 | 40 |
| 25 | 1 | 37 | 1 29/64 | 0.87 | 16 | 240 | 64 | 960 | 150 | 0.9 | 40/61 |
| 32 | 1 1/4 | 44 | 1 47/64 | 1.07 | 16 | 240 | 64 | 960 | 175 | 0.9 | 40/61 |
| 38 | 1 1/2 | 51 | 2 | 1.35 | 16 | 240 | 64 | 960 | 225 | 0.9 | 40/61 |
| 51 | 2 | 67 | 2 41/64 | 2.29 | 16 | 240 | 64 | 960 | 275 | 0.9 | 40/61 |
| 63.5 | 2 1/2 | 80 | 3 5/32 | 2.51 | 16 | 240 | 64 | 960 | 300 | 0.9 | 40/61 |
| 76 | 3 | 92 | 3 5/8 | 3.08 | 16 | 240 | 64 | 960 | 350 | 0.9 | 40/61 |
| 102 | 4 | 118 | 4 41/64 | 4.51 | 12 | 180 | 48 | 720 | 450 | 0.8 | 40/61 |

Other diameters, pressure ratings are available on request. Technical data, structures and polymers are subject to change without notice.

BRANDING



CHEMITON SD /10

FKM SUCTION AND DELIVERY HOSE FOR CHEMICAL PRODUCTS



APPLICATION

Suction & delivery hose for aggressive chemical products, acids at high concentration. For deeper information, please check the chemical resistance table at the end of the catalog

TUBE

Black, smooth, **FKM** rubber compound

REINFORCEMENT

High strength synthetic plies with steel wire spirals

COVER

Black, smooth, cloth impression **CR** rubber compound, resistant to chemical products, oils, ozone and weather

WORKING TEMPERATURE

-31 °F +356 °F
-35 °C +180 °C

| ID | | OD | | WEIGHT | WP | | BP | | BENDING RADIUS | VACUUM | COIL LENGTH |
|------|-------|-----|---------|--------|-----|-----|-----|-----|----------------|--------|-------------|
| mm | inch | mm | inch | kg/m | bar | psi | bar | psi | mm | bar | m |
| 19 | 3/4 | 31 | 1 7/32 | 0.74 | 10 | 150 | 40 | 600 | 85 | 0.9 | 40 |
| 25 | 1 | 37 | 1 29/64 | 0.96 | 10 | 150 | 40 | 600 | 112 | 0.9 | 40 |
| 32 | 1 1/4 | 44 | 1 47/64 | 1.25 | 10 | 150 | 40 | 600 | 144 | 0.9 | 40 |
| 38 | 1 1/2 | 51 | 2 | 1.40 | 10 | 150 | 40 | 600 | 171 | 0.9 | 40 |
| 51 | 2 | 67 | 2 41/64 | 2.15 | 10 | 150 | 40 | 600 | 229 | 0.9 | 40 |
| 63.5 | 2 1/2 | 80 | 3 5/32 | 2.60 | 10 | 150 | 40 | 600 | 317 | 0.7 | 40 |
| 76 | 3 | 92 | 3 5/8 | 3.20 | 10 | 150 | 40 | 600 | 380 | 0.7 | 40 |
| 102 | 4 | 118 | 4 41/64 | 4.60 | 10 | 150 | 40 | 600 | 510 | 0.7 | 40 |

Other diameters, pressure ratings are available on request. Technical data, structures and polymers are subject to change without notice.

BRANDING

