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**Acid-chemical S&D 16 bar (240 psi) - UPE
EN 12115 - EU 10/2011 A+B+C+D2**

Tube: black conductive UPE (Ultra High Molecular Weight Polyethylene).

Reinforcement: high tensile textile cords with embedded steel helix wire - antistatic wire.

Cover: black conductive EPDM - abrasion, ozone and fire resistant.

Application: acid and chemical suction and delivery. Suitable for 98% of existing chemicals.

Suitable to be used in potentially explosive environments.

Constant operation: -30 °C +100 °C (-22 °F +212 °F) depending on conveyed chemical

| ↔ | | ↔ | | ↻ | | ↻ | | ⤴ | | ⚠ | | ⚖ | |
|-------|--------|--------|------|-----|-----|-----|-----|-------|-------|----|-------|-------|--|
| mm | in | mm | in | bar | psi | bar | psi | mm | in | % | kg/m | lb/ft | |
| 19,0 | 3/4" | 31,00 | 1,22 | 16 | 240 | 64 | 960 | 114,0 | 4,49 | 90 | 0,670 | 0,46 | |
| 25,0 | 1" | 37,00 | 1,46 | 16 | 240 | 64 | 960 | 150,0 | 5,91 | 90 | 0,830 | 0,56 | |
| 32,0 | 1 1/4" | 44,00 | 1,73 | 16 | 240 | 64 | 960 | 192,0 | 7,56 | 90 | 1,000 | 0,68 | |
| 38,0 | 1 1/2" | 51,00 | 2,01 | 16 | 240 | 64 | 960 | 228,0 | 8,98 | 90 | 1,300 | 0,88 | |
| 50,0 | 2" | 66,00 | 2,60 | 16 | 240 | 64 | 960 | 300,0 | 11,81 | 90 | 1,960 | 1,32 | |
| 51,0 | 2" | 67,00 | 2,64 | 16 | 240 | 64 | 960 | 300,0 | 11,81 | 90 | 1,990 | 1,34 | |
| 75,0 | 3" | 91,00 | 3,58 | 16 | 240 | 64 | 960 | 450,0 | 17,72 | 80 | 3,070 | 2,07 | |
| 76,0 | 3" | 92,00 | 3,62 | 16 | 240 | 64 | 960 | 450,0 | 17,72 | 80 | 3,110 | 2,10 | |
| 100,0 | 4" | 116,00 | 4,57 | 16 | 240 | 64 | 960 | 600,0 | 23,62 | 80 | 4,120 | 2,77 | |
| 102,0 | 4" | 118,00 | 4,65 | 16 | 240 | 64 | 960 | 600,0 | 23,62 | 80 | 4,190 | 2,82 | |

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**Acid-chemical S&D 16 bar (240 psi) - UPE
FDA - EU 10/2011 A+B+C+D2**

Tube: transparent UPE (Ultra High Molecular Weight Polyethylene).

Reinforcement: high tensile textile cords with embedded steel helix wire.

Cover: blue EPDM - abrasion and ozone resistant.

Application: acid and chemical suction and delivery. Suitable for 98% of existing chemicals.

Constant operation: -30 °C +100 °C (-22 °F +212 °F) depending on conveyed chemical

| ↔ | | ↔ | | ↻ | | ↻ | | ⤴ | | ⚠ | | ⚖ | |
|-------|---------|--------|------|-----|-----|-----|-----|-------|-------|----|-------|-------|--|
| mm | in | mm | in | bar | psi | bar | psi | mm | in | % | kg/m | lb/ft | |
| 19,0 | 3/4" | 31,00 | 1,22 | 16 | 240 | 48 | 720 | 114,0 | 4,49 | 90 | 0,590 | 0,40 | |
| 25,0 | 1" | 37,00 | 1,46 | 16 | 240 | 48 | 720 | 150,0 | 5,91 | 90 | 0,730 | 0,50 | |
| 32,0 | 1 1/4" | 44,00 | 1,73 | 16 | 240 | 48 | 720 | 192,0 | 7,56 | 90 | 0,880 | 0,60 | |
| 38,0 | 1 1/2" | 50,00 | 1,97 | 16 | 240 | 48 | 720 | 228,0 | 8,98 | 90 | 1,010 | 0,68 | |
| 40,0 | 1 9/16" | 52,00 | 2,05 | 16 | 240 | 48 | 720 | 240,0 | 9,45 | 90 | 1,050 | 0,71 | |
| 51,0 | 2" | 63,00 | 2,48 | 16 | 240 | 48 | 720 | 300,0 | 11,81 | 90 | 1,340 | 0,91 | |
| 63,0 | 2 1/2" | 77,00 | 3,03 | 16 | 240 | 48 | 720 | 378,0 | 14,88 | 90 | 2,090 | 1,41 | |
| 76,0 | 3" | 92,00 | 3,62 | 16 | 240 | 48 | 720 | 450,0 | 17,72 | 80 | 2,840 | 1,91 | |
| 102,0 | 4" | 118,00 | 4,65 | 16 | 240 | 48 | 720 | 600,0 | 23,62 | 80 | 3,870 | 2,61 | |