

HYSOBARIC LINE

in



TIB2021



INTERPUMP HySO-FLEX
3K WB

34

TIB2028



INTERPUMP HySO-FLEX
4K WB

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TIB2035



INTERPUMP HySO-FLEX
5K WB

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TIB2042



INTERPUMP HySO-FLEX
6K WB

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TIS0021



INTERPUMP HySO-FLEX
3K WS

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TIS0028



INTERPUMP HySO-FLEX
4K WS

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TIS0035



INTERPUMP HySO-FLEX
5K WS

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TIS0042



INTERPUMP HySO-FLEX
6K WS

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INTERPUMP HySO-FLEX 3K WB

TIB2021



APPLICATIONS :



APPLICABLE SPECIFICATIONS

Eccede SAE 100R17, ISO 11237, ISO 18752/CC

High Flexibility and Half Bend Radius. Qualification according ISO 18752/CC.

Inner tube: Synthetic rubber, extruded whole without joints, of uniform thickness.

Reinforcement: 1-2 high-load steel wire braids.

Coverage: Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Recommended fluids: Mineral and biological oils, glycol-water based, water, lubricants.

working temperature: from -40 to +120°C for oils, from -40 to +70° C for water based fluids, from 0 to +70°C water.

| Product number | ID | | Dimension dash size | OD | Max WP | | Min BP | | Min BR | | Weight (approx) | | Ferrule |
|----------------|-------|------|------------------------|------|--------|------|--------|-------|--------|-------|-----------------|-------|---------|
| | in | mm | | | bar | psi | bar | psi | mm | inch | lb/ft | Kg/m | |
| TIB2021-04 | 1/4" | 6.4 | 04 | 12.3 | 225 | 3263 | 900 | 13050 | 50 | 1.969 | 0.120 | 0.178 | 001C-04 |
| TIB2021-05 | 5/16" | 7.9 | 05 | 13.5 | 225 | 3263 | 900 | 13050 | 55 | 2.165 | 0.135 | 0.201 | 001C-05 |
| TIB2021-06 | 3/8" | 9.5 | 06 | 15.7 | 225 | 3263 | 900 | 13050 | 60 | 2.362 | 0.172 | 0.256 | 001C-06 |
| TIB2021-08 | 1/2" | 12.7 | 08 | 20.0 | 210 | 3045 | 840 | 12180 | 70 | 2.756 | 0.312 | 0.464 | 001C-08 |
| TIB2021-10 | 5/8" | 15.9 | 10 | 23.5 | 210 | 3045 | 840 | 12180 | 100 | 3.937 | 0.410 | 0.610 | 001C-10 |
| TIB2021-12 | 3/4" | 19 | 12 | 27.7 | 210 | 3045 | 840 | 12180 | 120 | 4.724 | 0.536 | 0.798 | 001C-12 |
| TIB2021-16 | 1" | 25.4 | 16 | 35.8 | 210 | 3045 | 840 | 12180 | 160 | 6.299 | 0.786 | 1.170 | 001C-16 |

Available with MSHA and Mega cover. In case of order use code TIBY021 and TIBV021.

INTERPUMP HySO-FLEX 4K WB

APPLICATIONS:



TIB2028



APPLICABLE SPECIFICATIONS

Exceeds ISO 18752/CC

High Flexibility and Half Bend Radius. Qualification according ISO 18752/CC.

Inner tube: Synthetic rubber, extruded whole without joints, of uniform thickness.

Reinforcement: 2 high tensile steel wire braids.

Coverage: Synthetic rubber resistant to oils, fuels and atmospheric conditions.

Recommended fluids: Mineral and biological oils, glycol-water based, water, lubricants.

working temperature: from -40 to +120°C (intermittent 135°C), from -40 to +70° C for water based fluids, from 0 to +70°C water.

| Product number | ID | | Dimension dash size | OD | Max WP | | Min BP | | Min BR | | Weight (approx) | | Ferrule |
|----------------|------|------|------------------------|------|--------|------|--------|-------|--------|-------|-----------------|-------|---------|
| | in | mm | | | bar | psi | bar | psi | mm | inch | Kg/m | lb/ft | |
| TIB2028-04 | 1/4" | 6.4 | 04 | 13.3 | 280 | 4060 | 1120 | 16240 | 50 | 1.969 | 0.281 | 0.189 | 001C-04 |
| TIB2028-06 | 3/8" | 9.5 | 06 | 17.1 | 280 | 4060 | 1120 | 16240 | 70 | 2.756 | 0.418 | 0.281 | 001C-06 |
| TIB2028-08 | 1/2" | 12.7 | 08 | 20.4 | 280 | 4060 | 1120 | 16240 | 90 | 3.543 | 0.525 | 0.353 | 001C-08 |
| TIB2028-10 | 5/8" | 16 | 10 | 23.5 | 290 | 4205 | 1160 | 16820 | 100 | 3.937 | 0.626 | 0.421 | 001C-10 |
| TIB2028-12 | 3/4" | 19 | 12 | 27.6 | 280 | 4060 | 1120 | 16240 | 120 | 4.724 | 0.865 | 0.581 | 001C-12 |

Available with MSHA and Mega cover. In case of order use code TIBY028 and TIBV028.

INTERPUMP HySO-FLEX 5K WB

TIB2035



APPLICATIONS :



APPLICABLE SPECIFICATIONS

Exceeds ISO 18752/CC

High Flexibility and Half Bend Radius. Qualification according ISO 18752/CC.

Inner tube: Synthetic rubber, extruded whole without joints, of uniform thickness.

Reinforcement: 2 high tensile steel wire braids.

Coverage: Smooth synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Recommended fluids: Mineral and biological oils, glycol-water based, water, lubricants.

working temperature: from -40 to +120°C (intermittent 135°C), from -40 to +70° C for water based fluids, from 0 to +70°C water.

| Product number | ID | | Dimension dash size | OD | Max WP | | Min BP | | Min BR | | Weight (approx) | | Ferrule |
|----------------|------|------|------------------------|------|--------|------|--------|-------|--------|-------|-----------------|-------|---------|
| | in | mm | | | bar | psi | bar | psi | mm | inch | Kg/m | lb/ft | |
| TIB2035-04 | 1/4" | 6.4 | 04 | 13.3 | 350 | 5075 | 1400 | 20300 | 50 | 1.969 | 0.281 | 0.189 | 001C-04 |
| TIB2035-06 | 3/8" | 9.5 | 06 | 17.1 | 350 | 5075 | 1400 | 20300 | 70 | 2.756 | 0.418 | 0.281 | 001C-06 |
| TIB2035-08 | 1/2" | 12.7 | 08 | 20.4 | 350 | 5075 | 1400 | 20300 | 80 | 3.150 | 0.566 | 0.380 | 001C-08 |

Marking: Available also with MSHA cover. In case of order use code TIBY035.

INTERPUMP HySO-FLEX 6K WB

APPLICATIONS:



TIB2042



APPLICABLE SPECIFICATIONS

Exceeds ISO 18752/CC

High Flexibility and Half Bend Radius. Qualification according ISO 18752/CC.

Inner tube: Synthetic rubber, extruded whole without joints, of uniform thickness.

Reinforcement: 2 high tensile steel wire braids.

Coverage: Smooth synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Recommended fluids: Mineral and biological oils, glycol-water based, water, lubricants.

working temperature: from -40 to +120°C (intermittent 135°C), from -40 to +70° C for water based fluids, from 0 to +70°C water.

| Product number | ID | | Dimension | OD | Max WP | | Min BP | | Min BR | | Weight (approx) | | Ferrule |
|----------------|------|-----|-----------|------|--------|------|--------|-------|--------|-------|-----------------|-------|---------|
| | in | mm | dash size | | bar | psi | bar | psi | mm | inch | Kg/m | lb/ft | |
| TIB2042-04 | 1/4" | 6.4 | 04 | 13.3 | 420 | 6090 | 1680 | 24360 | 50 | 1.969 | 0.285 | 0.189 | 001C-04 |

Available with MSHA and Mega cover. In case of order use code TIBY042 and TIBV042.

INTERPUMP HySO-FLEX 3K WS

TIS0021



APPLICATIONS :



APPLICABLE SPECIFICATIONS

Exceeds ISO 18752/CC

High Flexibility and Half Bend Radius. Qualification according ISO 18752/CC.

Inner tube: Synthetic rubber, extruded whole without joints, of uniform thickness.

Reinforcement: 4 steel wire spirals

Coverage: Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Recommended fluids: Mineral and biological oils, glycol-water based, water, lubricants.

working temperature: from -40 to +120°C for oils, from -40 to +70° C for water based fluids, from 0 to +70°C water.

| Product number | ID | | Dimension | OD | Max WP | | Min BP | | Min BR | | Weight (approx) | | Ferrule | One piece | FERRULE | |
|----------------|--------|------|-----------|------|--------|------|--------|-------|--------|--------|-----------------|-------|---------|----------------|---------------------|------------------|
| | in | mm | dash size | | bar | psi | bar | psi | mm | inch | lb/ft | Kg/m | | Fitting series | TWO PIECES NO SKIVE | TWO PIECES SKIVE |
| TIS0021-20 | 1.1/4" | 31.8 | 20 | 44.6 | 210 | 3045 | 840 | 12180 | 210 | 8.268 | 1.433 | 2.133 | 004H-20 | N series | ONI4-20 | 004H-20 |
| TIS0021-24 | 1.1/2" | 38.1 | 24 | 51.5 | 210 | 3045 | 840 | 12180 | 250 | 9.843 | 1.790 | 2.664 | 004H-24 | | | 004H-24 |
| TIS0021-32 | 2" | 50.8 | 32 | 66.3 | 210 | 3045 | 840 | 12180 | 315 | 12.402 | 2.649 | 3.943 | 004N-32 | | | 004N-32 |

Available with MSHA and Mega cover. In case of order use code TISM021 and TISV021.

INTERPUMP HySO-FLEX 4K WS

APPLICATIONS:



TIS0028



APPLICABLE SPECIFICATIONS

Exceeds SAE 100R12 - ISO 18752/CC

High Flexibility and Half Bend Radius. Qualification according ISO 18752/CC.

Inner tube: Synthetic rubber, extruded whole without joints, of uniform thickness.

Reinforcement: 4 steel wire spirals.

Coverage: Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Recommended fluids: Biological and mineral oils, glycol-water based, water, lubricants.

working temperature: from -40 to +120°C for oils, from -40 to +70° C for water based fluids, from 0 to +70°C water.

| Product number | ID | | Dimension dash size | OD | Max WP | | Min BP | | Min BR | | Weight (approx) | | FERRULE | | One piece Fitting series |
|----------------|--------|------|------------------------|------|--------|------|--------|-------|--------|-------|-----------------|-------|---------------------|------------------|-----------------------------|
| | in | mm | | | bar | psi | bar | psi | mm | inch | Kg/m | lb/ft | TWO PIECES NO SKIVE | TWO PIECES SKIVE | |
| TIS0028-06 | 3/8" | 9.5 | 06 | 19.7 | 280 | 4060 | 1120 | 16240 | 65 | 2.559 | 0.620 | 0.417 | ONI4-06 | OSI4-06 | N series |
| TIS0028-08 | 1/2" | 12.7 | 08 | 22.5 | 280 | 4060 | 1120 | 16240 | 90 | 3.543 | 0.722 | 0.485 | ONI4-08 | OSI4-08 | N series |
| TIS0028-10 | 5/8" | 15.9 | 10 | 26.2 | 280 | 4060 | 1120 | 16240 | 100 | 3.937 | 0.938 | 0.630 | ONI4-10 | OSI4-10 | N series |
| TIS0028-12 | 3/4" | 19 | 12 | 29.8 | 280 | 4060 | 1120 | 16240 | 120 | 4.724 | 1.142 | 0.768 | ONI4-12 | 0009-12 | N series |
| TIS0028-16 | 1" | 25.4 | 16 | 36.7 | 280 | 4060 | 1120 | 16240 | 150 | 5.906 | 1.622 | 1.090 | ONI4-16 | 0009-16 | N series |
| TIS0028-20 | 1.1/4" | 31.8 | 20 | 44.6 | 280 | 4060 | 1120 | 16240 | 210 | 8.268 | 2.275 | 1.529 | ONI4-20 | 004H-20 | N series |
| TIS0028-24 | 1.1/2" | 38.1 | 24 | 52.1 | 280 | 4060 | 1120 | 16240 | 250 | 9.843 | 2.952 | 1.978 | ONI4-24 | ONI4-24 | N series |

Available with MSHA and Mega cover. In case of order use code TISM028 and TISV028.

INTERPUMP HySO-FLEX 5K WS

TIS0035



APPLICATIONS :



APPLICABLE SPECIFICATIONS

Exceeds ISO 18752/CC, SAE 100R13

High Flexibility and Half Bend Radius. Qualification according ISO 18752/CC.

Inner tube: Synthetic rubber, extruded whole without joints, of uniform thickness.

Reinforcement: 4 steel wire spirals.

Coverage: Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Recommended fluids: Mineral and biological oils, water, water based fluid, lubricants.

working temperature: from -40 to +120°C from -40 to +70° C for water based fluids, from 0 to +70°C water.

| Product number | ID | | Dimension dash size | OD | Max WP | | Min BP | | Min BR | | Weight (approx) | | FERRULE | | One piece Fitting series |
|----------------|------|--------|------------------------|------|--------|------|--------|-------|--------|-------|-----------------|-------|------------------------|------------------------|-----------------------------|
| | mm | in | | | bar | psi | bar | psi | mm | inch | lb/ft | Kg/m | TWO PIECES NO SKIVE | TWO PIECES SKIVE | |
| TIS0035-06 | 9.5 | 3/8" | 06 | 19.7 | 350 | 5075 | 1400 | 20300 | 65 | 2.559 | 0.417 | 0.620 | 0NI4-06 | 0SI4-06 | N series |
| TIS0035-08 | 12.7 | 1/2" | 08 | 22.5 | 350 | 5075 | 1400 | 20300 | 90 | 3.543 | 0.485 | 0.722 | 0NI4-08 | 0SI4-08 | N series |
| TIS0035-10 | 15.9 | 5/8" | 10 | 26.2 | 350 | 5075 | 1400 | 20300 | 100 | 3.937 | 0.630 | 0.938 | 0NI4-10 | 0SI4-10 | N series |
| TIS0035-12 | 19 | 3/4" | 12 | 29.7 | 350 | 5075 | 1400 | 20300 | 120 | 4.724 | 0.758 | 1.129 | 0NI4-12 | 0009-12 | N series |
| TIS0035-16 | 25.4 | 1" | 16 | 36.7 | 350 | 5075 | 1400 | 20300 | 150 | 5.906 | 1.090 | 1.622 | 0NI4-16 | 004N-16 | N series |
| TIS0035-20 | 31.8 | 1.1/4" | 20 | 45.0 | 350 | 5075 | 1400 | 20300 | 210 | 8.268 | 1.644 | 2.446 | 0NI4-20 | 004N-20 | N series |
| TIS0035-24 | 38 | 1.1/2" | 24 | 52.9 | 350 | 5075 | 1400 | 20300 | 250 | 9.843 | 2.211 | 3.291 | 0NI-24 | 004N-24 | N series |

Available with MSHA and Mega cover. In case of order use code TISM035 and TISV035.

INTERPUMP HySO-FLEX 6K WS

APPLICATIONS :



TIS0042

APPLICABLE SPECIFICATIONS

Eccede ISO 18752/CC - SAE 100R13



High Flexibility and Half Bend Radius. Qualification according ISO 18752/CC.

Inner tube: Synthetic rubber, extruded whole without joints, of uniform thickness.

Reinforcement: 4-6 High tensile steel spirals (4 spirals up to 1", 6 spirals from 1 ¼")

Coverage: Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Recommended fluids: Mineral and biological oils, water, water based fluid, lubricants.

working temperature: from -40 to +120°C from -40 to +70° C for water based fluids, from 0 to +70°C water.

| Product number | ID | | Dimension dash size | OD | Max WP | | Min BP | | Min BR | | Weight (approx) | | FERRULE | | One piece |
|----------------|------|--------|------------------------|------|--------|------|--------|-------|--------|-------|-----------------|-------|------------------------|---------------------|----------------|
| | mm | in | | | bar | psi | bar | psi | mm | inch | lb/ft | Kg/m | TWO PIECES NO SKIVE | TWO PIECES SKIVE | Fitting series |
| TIS0042-06 | 9.5 | 3/8" | 06 | 19.7 | 420 | 6090 | 1680 | 24360 | 65 | 2.559 | 0.445 | 0.662 | 0NI4-06 | 0SI4-06 | N series |
| TIS0042-08 | 12.7 | 1/2" | 08 | 22.5 | 420 | 6090 | 1680 | 24360 | 90 | 3.543 | 0.518 | 0.772 | 0NI4-08 | 0SI4-08 | N series |
| TIS0042-10 | 15.9 | 5/8" | 10 | 26.2 | 420 | 6090 | 1680 | 24360 | 100 | 3.937 | 0.630 | 0.938 | 0NI4-10 | 0013-10 | N series |
| TIS0042-12 | 19 | 3/4" | 12 | 30.6 | 420 | 6090 | 1680 | 24360 | 120 | 4.724 | 0.933 | 1.388 | 0NI4-12 | 004N-12 | N series |
| TIS0042-16 | 25.4 | 1" | 16 | 37.6 | 420 | 6090 | 1680 | 24360 | 150 | 5.906 | 1.303 | 1.940 | 0NI4-16 | 004N-16 | N series |
| TIS0042-20 | 31.8 | 1.1/4" | 20 | 47.8 | 420 | 6090 | 1680 | 24360 | 210 | 8.268 | 2.322 | 3.455 | 0NI6-20 | 0042-20 | N series |
| TIS0042-24 | 38.1 | 1.1/2" | 24 | 56 | 420 | 6090 | 1680 | 24360 | 250 | 9.843 | 2.975 | 4.427 | 0NI6-24 | 0042-24 | N series |

Available with MSHA and Mega cover. In case of order use code TISM042 and TISV042.