
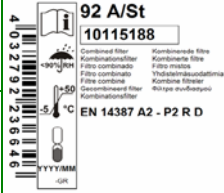



Technical Data Sheet

Description

| | | | | |
|-------------------------|--|---|-------|--|
| Description | 92 A/St | | | |
| Part Number | 10115188 | | | |
| Marking according to EN | A2 - P2 | | | |
| Conditions of use | <ul style="list-style-type: none"> organic gases and vapors with a boiling point > 65° C particles |  | | |
| Colour code | <table border="1"> <tr><td>brown</td></tr> <tr><td>white</td></tr> </table> | brown | white |  <p>92 A/St 10115188 EN 14387 A2 - P2 R D</p> |
| brown | | | | |
| white | | | | |
| labels |  <p>92 A/St EN 14387 A2 - P2 R D DSTU EN 14387:2006 A2 - P2 CE 0121 YYYYMM</p> | | | |

Characteristics

| | |
|--------------------------|------------|
| Weight [g] | 260 |
| Diameter [mm] | 107 |
| Height incl. thread [mm] | 78 |
| Connection | EN 148 - 1 |

Breathing Resistance

| | at | EN 14387 requirements | Typical values |
|--|------------|-----------------------|----------------|
| | 30 l / min | 2,1 mbar | 1,00 mbar |
| | 95 l / min | 8,0 mbar | 4,00 mbar |

Concentration of Testing Gases

| | |
|---------|-----------------------|
| Class 1 | 1000 ppm [0,1 Vol.-%] |
| Class 2 | 5000 ppm [0,5 Vol.-%] |

Performances

| Filter type and class | Gases of reference | EN 14387 requirements | Typical values |
|-----------------------|--|-----------------------|----------------|
| A2 | cyclohexane [C ₆ H ₁₂] | 35 min | 60 min |
| Filter type and class | Particles of reference | EN 143 requirements | Typical values |
| P2 | sodium chloride [NaCl] | 6,00% | < 0,50 % |
| | paraffin oil | 6,00% | < 0,50% |
| R | Reusable according EN 143:2000/A1:2006 | | |
| D | Dolomite clogging test & marking according to EN 143:2000/A1:2006 and EN 14387 | | |

Material

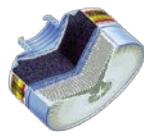


| | |
|-------------------------|--|
| Housing | aluminium |
| Cover (particle filter) | polypropylene |
| Filtering material | filtering paper / unimpregnated activated carbon |

Details/Special Information

| | |
|---------------------------|--|
| Storage conditions & time | - 5 °C to + 50°C, < 90 % r. h. 6 years |
|---------------------------|--|

Technical Data Sheet

Description

| | | | | | |
|-------------------------|--|---|------|-------|---|
| Description | 92 AB/St | | | | |
| Part Number | 10097994 | | | | |
| Marking according to EN | A2, B2 - P2 | | | | |
| Conditions of use | <ul style="list-style-type: none"> organic gases and vapors with a boiling point > 65° C inorganic gases and vapors, e.g. chlorine, hydrogen sulfide, hydrogen cyanide particles |  | | | |
| Colour code | <table border="1"> <tr><td>brown</td></tr> <tr><td>grey</td></tr> <tr><td>white</td></tr> </table> | brown | grey | white |  |
| brown | | | | | |
| grey | | | | | |
| white | | | | | |
| labels |  | | | | |

Characteristics

| | |
|--------------------------|------------|
| Weight [g] | 270 |
| Diameter [mm] | 107 |
| Height incl. thread [mm] | 78 |
| Connection | EN 148 - 1 |

Breathing Resistance

| | at | EN 14387 requirements | Typical values |
|--|------------|-----------------------|----------------|
| | 30 l / min | 2,1 mbar | 1,20 mbar |
| | 95 l / min | 8,0 mbar | 4,60 mbar |

Concentration of Testing Gases

| | |
|---------|-----------------------|
| Class 1 | 1000 ppm [0,1 Vol.-%] |
| Class 2 | 5000 ppm [0,5 Vol.-%] |

Performances

| Filter type and class | Gases of reference | EN 14387 requirements | Typical values |
|-----------------------|--|-----------------------|----------------|
| A2 | cyclohexane [C ₆ H ₁₂] | 35 min | 60 min |
| B2 | chlorine [Cl ₂] | 20 min | 40 min |
| | hydrogen sulfide [H ₂ S] | 40 min | 60 min |
| | hydrocyanic acid [HCN] | 25 min | 45 min |
| Filter type and class | Particles of reference | EN 143 requirements | Typical values |
| P2 | sodium chloride [NaCl] | 6,00% | < 0,50 % |
| R | paraffin oil | 6,00% | < 0,50% |
| D | Reusable according EN 143:2000/A1:2006 Dolomite clogging test & marking according to EN 143:2000/A1:2006 and EN 14387 | | |

Material





| | |
|-------------------------|--|
| Housing | aluminium |
| Cover (particle filter) | polypropylene |
| Filtering material | filtering paper / impregnated activated carbon |

Details/Special Information

| | |
|---------------------------|--|
| Storage conditions & time | - 5 °C to + 50°C, < 90 % r. h. 6 years |
|---------------------------|--|

Technical Data Sheet

Description

| | | |
|-------------------------|---|---|
| Description | 92 ABEK/St | |
| Part Number | 10097995 | |
| Marking according to EN | A2, B2, E2, K1 - P2 | |
| Conditions of use | <ul style="list-style-type: none"> organic gases and vapors with a boiling point > 65° C inorganic gases and vapors, e.g. chlorine, hydrogen sulfide, hydrogen cyanide sulfur dioxide, hydrogen chloride and other acid gases ammonia and organic ammonia derivatives particles |  |
| Colour code |  |  |
| labels |  | |

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Characteristics

| | |
|--------------------------|------------|
| Weight [g] | 295 |
| Diameter [mm] | 107 |
| Height incl. thread [mm] | 78 |
| Connection | EN 148 - 1 |

Breathing Resistance

| | at | EN 14387 requirements | Typical values |
|--|------------|-----------------------|----------------|
| | 30 l / min | 2,1 mbar | 1,50 mbar |
| | 95 l / min | 8,0 mbar | 5,25 mbar |

Concentration of Testing Gases

| | |
|---------|-----------------------|
| Class 1 | 1000 ppm [0,1 Vol.-%] |
| Class 2 | 5000 ppm [0,5 Vol.-%] |

Performances

| Filter type and class | Gases of reference | EN 14387 requirements | Typical values |
|-----------------------|--|-----------------------|----------------|
| A2 | cyclohexane [C ₆ H ₁₂] | 35 min | 45 min |
| B2 | chlorine [Cl ₂] | 20 min | 40 min |
| | hydrogen sulfide [H ₂ S] | 40 min | 55 min |
| | hydrocyanic acid [HCN] | 25 min | 45 min |
| E2 | sulfur dioxide [SO ₂] | 20 min | 22 min |
| K1 | ammonia [NH ₃] | 50 min | 60 min |
| Filter type and class | Particles of reference | EN 143 requirements | Typical values |
| P2 | sodium chloride [NaCl] | 6,00% | < 0,50 % |
| | paraffin oil | 6,00% | < 0,50% |
| R | Reusable according EN 143:2000/A1:2006 | | |
| D | Dolomite clogging test & marking according to EN 143:2000/A1:2006 and EN 14387 | | |

Material





| | |
|-------------------------|--|
| Housing | aluminium |
| Cover (particle filter) | polypropylene |
| Filtering material | filtering paper / impregnated activated carbon |

Details/Special Information

| | |
|---------------------------|--|
| Storage conditions & time | - 5 °C to + 50°C, < 90 % r. h. 6 years |
|---------------------------|--|

Technical Data Sheet

Description

| | | |
|-------------------------|---|---|
| Description | 92 ABEK2/St | |
| Part Number | 10097996 | |
| Marking according to EN | A2, B2, E2, K2 - P2 | |
| Conditions of use | <ul style="list-style-type: none"> organic gases and vapors with a boiling point > 65° C inorganic gases and vapors, e.g. chlorine, hydrogen sulfide, hydrogen cyanide sulfur dioxide, hydrogen chloride and other acid gases ammonia and organic ammonia derivatives particles |  |
| Colour code |  |  |
| labels |  | |

Characteristics

| | | | |
|--------------------------|------------|--|--|
| Weight [g] | 350 | | |
| Diameter [mm] | 107 | | |
| Height incl. thread [mm] | 88 | | |
| Connection | EN 148 - 1 | | |

Breathing Resistance

| | at | EN 14387 requirements | Typical values |
|--|------------|-----------------------|----------------|
| | 30 l / min | 2,1 mbar | 1,70 mbar |
| | 95 l / min | 8,0 mbar | 6,50 mbar |

Concentration of Testing Gases

| | |
|---------|-----------------------|
| Class 1 | 1000 ppm [0,1 Vol.-%] |
| Class 2 | 5000 ppm [0,5 Vol.-%] |

Performances

| Filter type and class | Gases of reference | EN 14387 requirements | Typical values |
|-----------------------|--|-----------------------|----------------|
| A2 | cyclohexane [C ₆ H ₁₂] | 35 min | 60 min |
| B2 | chlorine [Cl ₂] | 20 min | 55 min |
| | hydrogen sulfide [H ₂ S] | 40 min | 65 min |
| | hydrocyanic acid [HCN] | 25 min | 60 min |
| E2 | sulfur dioxide [SO ₂] | 20 min | 33 min |
| K2 | ammonia [NH ₃] | 40 min | 55 min |
| Filter type and class | Particles of reference | EN 143 requirements | Typical values |
| P2 | sodium chloride [NaCl] | 6,00% | < 0,50 % |
| R | paraffin oil | 6,00% | < 0,50% |
| D | Reusable according EN 143:2000/A1:2006 Dolomite clogging test & marking according to EN 143:2000/A1:2006 and EN 14387 | | |

Material

| | |
|-------------------------|--|
| Housing | aluminium |
| Cover (particle filter) | polypropylene |
| Filtering material | filtering paper / impregnated activated carbon |

Details/Special Information

| | |
|---------------------------|--|
| Storage conditions & time | - 5 °C to + 50°C, < 90 % r. h. 6 years |
|---------------------------|--|