



# MX HIGH FLOW SERIES NOZZLES AND RECEIVERS



**MINING | QUARRY | CONSTRUCTION**

*"Fluid Equipment Specialists"*

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The Matrix 34 MX High Flow Series is part of Fast Fill Systems' Matrix range of quick-connect fluid coupling components designed to prevent cross-contamination between different fluids by using colour-coded, non-interchangeable nozzle/receiver pairs. Colour-coded nozzle & receiver pairs: Each set is uniquely colour coded so the nozzle will only connect with its matching receiver, preventing fluid mix-ups. Dry-break high-flow design: These are 1" dry-break connectors engineered for higher flow applications such as bulk oil or fluid transfer where spill-free connection and disconnection is critical. Robust construction: Steel bodies with aluminium grips, caps, and plugs for durability and long service life. Use with plugs and caps: Recommended to always use plugs and caps to protect against contamination and damage when the components are not connected.

| NOZZLE WITHOUT PLUG, SEPARATELY SOLD |                            |      |             |
|--------------------------------------|----------------------------|------|-------------|
| PART NO                              | DESCRIPTION                | CAP  | COLOUR CODE |
| MXN1-1                               | MX HIGH FLOW MATRIX 1" NPT | PMX1 | RED         |
| MXN2-1                               | MX HIGH FLOW MATRIX 1" NPT | PMX2 | YELLOW      |
| MXN3-1                               | MX HIGH FLOW MATRIX 1" NPT | PMX3 | TEAL        |
| MXN4-1                               | MX HIGH FLOW MATRIX 1" NPT | PMX4 | PURPLE      |
| MXN5-1                               | MX HIGH FLOW MATRIX 1" NPT | PMX5 | BLUE        |
| MXN6-1                               | MX HIGH FLOW MATRIX 1" NPT | PMX6 | COPPER      |
| MXN7-1                               | MX HIGH FLOW MATRIX 1" NPT | PMX7 | GREY        |

| NOZZLE WITH PLUG |                            |             |
|------------------|----------------------------|-------------|
| PART NO          | DESCRIPTION                | COLOUR CODE |
| MXN1-1P          | MX HIGH FLOW MATRIX 1" NPT | RED         |
| MXN2-1P          | MX HIGH FLOW MATRIX 1" NPT | YELLOW      |
| MXN3-1P          | MX HIGH FLOW MATRIX 1" NPT | TEAL        |
| MXN4-1P          | MX HIGH FLOW MATRIX 1" NPT | PURPLE      |
| MXN5-1P          | MX HIGH FLOW MATRIX 1" NPT | BLUE        |
| MXN6-1P          | MX HIGH FLOW MATRIX 1" NPT | COPPER      |
| MXN7-1P          | MX HIGH FLOW MATRIX 1" NPT | GREY        |

| RECEIVER WITHOUT CAP, SEPARATELY SOLD |                                 |      |             |
|---------------------------------------|---------------------------------|------|-------------|
| PART NO                               | DESCRIPTION                     | CAP  | COLOUR CODE |
| MXR1-1                                | MX HIGH FLOW MATRIX 1" NPT MALE | CMX1 | RED         |
| MXR2-1                                | MX HIGH FLOW MATRIX 1" NPT MALE | CMX2 | YELLOW      |
| MXR3-1                                | MX HIGH FLOW MATRIX 1" NPT MALE | CMX3 | TEAL        |
| MXR4-1                                | MX HIGH FLOW MATRIX 1" NPT MALE | CMX4 | PURPLE      |
| MXR5-1                                | MX HIGH FLOW MATRIX 1" NPT MALE | CMX5 | BLUE        |
| MXR6-1                                | MX HIGH FLOW MATRIX 1" NPT MALE | CMX6 | COPPER      |
| MXR7-1                                | MX HIGH FLOW MATRIX 1" NPT MALE | CMX7 | GREY        |

| RECEIVER WITH CAP |                                 |             |
|-------------------|---------------------------------|-------------|
| PART NO           | DESCRIPTION                     | COLOUR CODE |
| MXR1-1C           | MX HIGH FLOW MATRIX 1" NPT MALE | RED         |
| MXR2-1C           | MX HIGH FLOW MATRIX 1" NPT MALE | YELLOW      |
| MXR3-1C           | MX HIGH FLOW MATRIX 1" NPT MALE | TEAL        |
| MXR4-1C           | MX HIGH FLOW MATRIX 1" NPT MALE | PURPLE      |
| MXR5-1C           | MX HIGH FLOW MATRIX 1" NPT MALE | BLUE        |
| MXR6-1C           | MX HIGH FLOW MATRIX 1" NPT MALE | COPPER      |
| MXR7-1C           | MX HIGH FLOW MATRIX 1" NPT MALE | GREY        |



#### Matrix Series MX High Flow evacuation tool MXET-1

Designed to accommodate all the MX Matrix receivers and has an integrated internal check-valve to allow fluid evacuation only.

MXET-1 1" NPT female thread



|                    |                                                                |
|--------------------|----------------------------------------------------------------|
| OPERATING PRESSURE | 103 BAR<br>1500 PSI                                            |
| THREADS            | NOZZLE 1" FNPT<br>RECEIVER 1" MNPT                             |
| CONSTRUCTION       | ANODIZED ALUMINUM AND NICKEL<br>PLATED STEEL WITH COLOR-CODING |
| LATCHING MECHANISM | BALL LATCHING                                                  |

Can be crossed over to Flomax Equivalents HFN & HFR Couplers