



MATRIX 34

STANDARD NOZZLES AND RECEIVERS (200/300 SERIES)



MINING | QUARRY | CONSTRUCTION

"Fluid Equipment Specialists"

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Matrix 300 is a series of proprietary couplers designed to prevent cross- contamination of fluids. Matrix couplers work at a higher pressure and flow rate than standard couplers. Each of the nozzles and receivers in the matrix line is colour- coded and designed to physically interlock with only its matching colour. Higher flow rates than industry standard couplers Helps eliminate cross-contamination of fluids Interlocks only with corresponding colour- coordinated connector. All receivers are capable of JIC fitting.

NOZZLE WITHOUT PLUG, SEPARATELY SOLD			
PART NO	DESCRIPTION	PLUG	PLUG COLOUR
N210	FASTFILL MATRIX 3/4" NOZZLE	P310	GREEN
N220	FASTFILL MATRIX 3/4" NOZZLE	P320	BLUE
N230	FASTFILL MATRIX 3/4" NOZZLE	P330	PURPLE
N240	FASTFILL MATRIX 3/4" NOZZLE	P340	GREY
N250	FASTFILL MATRIX 3/4" NOZZLE	P350	ORANGE
N260	FASTFILL MATRIX 3/4" NOZZLE	P360	YELLOW
N270	FASTFILL MATRIX 3/4" NOZZLE	P370	RED
N280	FASTFILL MATRIX 3/4" NOZZLE	P380	GOLD
N205	FASTFILL MATRIX 3/4" NOZZLE	P305	HOT PINK
N207	FASTFILL MATRIX 3/4" NOZZLE	P307	BROWN

NOZZLE WITH PLUG		
PART NO	DESCRIPTION	PLUG COLOUR
N210P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	GREEN
N220P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	BLUE
N230P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	PURPLE
N240P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	GREY
N250P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	ORANGE
N260P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	YELLOW
N270P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	RED
N280P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	GOLD
N205P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	HOT PINK
N207P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	BROWN

NOZZLE WITHOUT PLUG, SEPARATELY SOLD			
PART NO	DESCRIPTION	PLUG	PLUG COLOUR
N310	FASTFILL MATRIX 3/4" NOZZLE	P310	GREEN
N320	FASTFILL MATRIX 3/4" NOZZLE	P320	BLUE
N330	FASTFILL MATRIX 3/4" NOZZLE	P330	PURPLE
N340	FASTFILL MATRIX 3/4" NOZZLE	P340	GREY
N350	FASTFILL MATRIX 3/4" NOZZLE	P350	ORANGE
N360	FASTFILL MATRIX 3/4" NOZZLE	P360	YELLOW
N370	FASTFILL MATRIX 3/4" NOZZLE	P370	RED
N380	FASTFILL MATRIX 3/4" NOZZLE	P380	GOLD
N305	FASTFILL MATRIX 3/4" NOZZLE	P305	HOT PINK
N307	FASTFILL MATRIX 3/4" NOZZLE	P307	BROWN

NOZZLE WITH PLUG		
PART NO	DESCRIPTION	PLUG COLOUR
N310P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	GREEN
N320P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	BLUE
N330P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	PURPLE
N340P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	GREY
N350P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	ORANGE
N360P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	YELLOW
N370P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	RED
N380P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	GOLD
N305P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	HOT PINK
N307P	FASTFILL MATRIX 3/4" NOZZLE WITH PLUG	BROWN

RECEIVER WITHOUT CAP, SEPARATELY SOLD			
PART NO	DESCRIPTION	PLUG	PLUG COLOUR
R310	FASTFILL MATRIX 3/4" RECEIVER	C310	GREEN
R320	FASTFILL MATRIX 3/4" RECEIVER	C320	BLUE
R330	FASTFILL MATRIX 3/4" RECEIVER	C330	PURPLE
R340	FASTFILL MATRIX 3/4" RECEIVER	C340	GREY
R350	FASTFILL MATRIX 3/4" RECEIVER	C350	ORANGE
R360	FASTFILL MATRIX 3/4" RECEIVER	C360	YELLOW
R370	FASTFILL MATRIX 3/4" RECEIVER	C370	RED
R380	FASTFILL MATRIX 3/4" RECEIVER	C380	GOLD
R305	FASTFILL MATRIX 3/4" RECEIVER	C305	HOT PINK
R307	FASTFILL MATRIX 3/4" RECEIVER	C307	BROWN

RECEIVER WITH CAP		
PART NO	DESCRIPTION	PLUG COLOUR
R310C	FASTFILL MATRIX 3/4" RECEIVER WITH CAP	GREEN
R320C	FASTFILL MATRIX 3/4" RECEIVER WITH CAP	BLUE
R330C	FASTFILL MATRIX 3/4" RECEIVER WITH CAP	PURPLE
R340C	FASTFILL MATRIX 3/4" RECEIVER WITH CAP	GREY
R350C	FASTFILL MATRIX 3/4" RECEIVER WITH CAP	ORANGE
R360C	FASTFILL MATRIX 3/4" RECEIVER WITH CAP	YELLOW
R370C	FASTFILL MATRIX 3/4" RECEIVER WITH CAP	RED
R380C	FASTFILL MATRIX 3/4" RECEIVER WITH CAP	GOLD
R305C	FASTFILL MATRIX 3/4" RECEIVER WITH CAP	HOT PINK
R307C	FASTFILL MATRIX 3/4" RECEIVER WITH CAP	BROWN



Matrix Series Standard evacuation tools ET290 & ET290J

Designed to interlock with all R310 & R310V – R380 & R380V
Matrix

Standard Series Receivers for "evacuation purposes"

The ET290 3/4" NPT female thread.

The ET290 125 1 1/4" NPT female thread. The ET290J 1-5/16"-
16 JIC male hose connection



OPERATING PRESSURE	103 BAR 1500 PSI
THREADS	NOZZLE 3/4" FNPT RECEIVER 3/4" MNPT
CONSTRUCTION	ANODIZED ALUMINUM AND NICKEL PLATED STEEL WITH COLOR-CODING
LATCHING MECHANISM	BALL LATCHING

MATRIX 34 RECEIVER VITON® SEALS (A FLUOROELASTOMER, OR FKM) ARE PREMIUM SEALING MATERIALS DESIGNED FOR DEMANDING ENVIRONMENTS WHERE STANDARD RUBBER SEALS (SUCH AS NITRILE/BUNA-N) WOULD FAIL. TYPICALLY -20°C TO +200°C

RECEIVER VITON SEALS WITHOUT CAP, SEPARATELY SOLD			
PART NO	DESCRIPTION	PLUG	PLUG COLOUR
R310V	FASTFILL MATRIX ¾" RECEIVER	C310	GREEN
R320V	FASTFILL MATRIX ¾" RECEIVER	C320	BLUE
R330V	FASTFILL MATRIX ¾" RECEIVER	C330	PURPLE
R340V	FASTFILL MATRIX ¾" RECEIVER	C340	GREY
R350V	FASTFILL MATRIX ¾" RECEIVER	C350	ORANGE
R360V	FASTFILL MATRIX ¾" RECEIVER	C360	YELLOW
R370V	FASTFILL MATRIX ¾" RECEIVER	C370	RED
R380V	FASTFILL MATRIX ¾" RECEIVER	C380	GOLD
R305V	FASTFILL MATRIX ¾" RECEIVER	C305	HOT PINK
R307V	FASTFILL MATRIX ¾" RECEIVER	C307	BROWN

RECEIVER VITON SEALS WITH CAP		
PART NO	DESCRIPTION	PLUG COLOUR
R310VC	FASTFILL MATRIX ¾" RECEIVER WITH CAP	GREEN
R320VC	FASTFILL MATRIX ¾" RECEIVER WITH CAP	BLUE
R330VC	FASTFILL MATRIX ¾" RECEIVER WITH CAP	PURPLE
R340VC	FASTFILL MATRIX ¾" RECEIVER WITH CAP	GREY
R350VC	FASTFILL MATRIX ¾" RECEIVER WITH CAP	ORANGE
R360VC	FASTFILL MATRIX ¾" RECEIVER WITH CAP	YELLOW
R370VC	FASTFILL MATRIX ¾" RECEIVER WITH CAP	RED
R380VC	FASTFILL MATRIX ¾" RECEIVER WITH CAP	GOLD
R305VC	FASTFILL MATRIX ¾" RECEIVER WITH CAP	HOT PINK
R307VC	FASTFILL MATRIX ¾" RECEIVER WITH CAP	BROWN



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THREADS	NOZZLE 3/4" FNPT RECEIVER 3/4" MNPT
CONSTRUCTION	ANODIZED ALUMINUM AND NICKEL PLATED STEEL WITH COLOR-CODING
LATCHING MECHANISM	BALL LATCHING

MATRIX 34 1" APPLICATION FOR HIGHER FLOWS

NOZZLE WITHOUT PLUG, SEPARATELY SOLD			
PART NO	DESCRIPTION	PLUG	PLUG COLOUR
N310-1	FAST FILL MATRIX 1" NOZZLE	P310	GREEN
N320-1	FAST FILL MATRIX 1" NOZZLE	P320	BLUE
N330-1	FAST FILL MATRIX 1" NOZZLE	P330	PURPLE
N340-1	FAST FILL MATRIX 1" NOZZLE	P340	GREY
N350-1	FAST FILL MATRIX 1" NOZZLE	P350	ORANGE
N360-1	FAST FILL MATRIX 1" NOZZLE	P360	YELLOW
N370-1	FAST FILL MATRIX 1" NOZZLE	P370	RED
N380-1	FAST FILL MATRIX 1" NOZZLE	P380	GOLD

NOZZLE WITH PLUG		
PART NO	DESCRIPTION	PLUG COLOUR
N310P-1	FAST FILL MATRIX 1" NOZZLE WITH PLUG	GREEN
N320P-1	FAST FILL MATRIX 1" NOZZLE WITH PLUG	BLUE
N330P-1	FAST FILL MATRIX 1" NOZZLE WITH PLUG	PURPLE
N340P-1	FAST FILL MATRIX 1" NOZZLE WITH PLUG	GREY
N350P-1	FAST FILL MATRIX 1" NOZZLE WITH PLUG	ORANGE
N360P-1	FAST FILL MATRIX 1" NOZZLE WITH PLUG	YELLOW
N370P-1	FAST FILL MATRIX 1" NOZZLE WITH PLUG	RED
N380P-1	FAST FILL MATRIX 1" NOZZLE WITH PLUG	GOLD

RECEIVER VITON SEALS WITHOUT CAP, SEPARATELY SOLD			
PART NO	DESCRIPTION	PLUG	PLUG COLOUR
R310V-1	FAST FILL MATRIX 1" RECEIVER	C310	GREEN
R320V-1	FAST FILL MATRIX 1" RECEIVER	C320	BLUE
R330V-1	FAST FILL MATRIX 1" RECEIVER	C330	PURPLE
R340V-1	FAST FILL MATRIX 1" RECEIVER	C340	GREY
R350V-1	FAST FILL MATRIX 1" RECEIVER	C350	ORANGE
R360V-1	FAST FILL MATRIX 1" RECEIVER	C360	YELLOW
R370V-1	FAST FILL MATRIX 1" RECEIVER	C370	RED
R380V-1	FAST FILL MATRIX 1" RECEIVER	C380	GOLD

RECEIVER VITON SEALS WITH CAP		
PART NO	DESCRIPTION	PLUG COLOUR
R310VC-1	FAST FILL MATRIX 1" RECEIVER	GREEN
R320VC-1	FAST FILL MATRIX 1" RECEIVER	BLUE
R330VC-1	FAST FILL MATRIX 1" RECEIVER	PURPLE
R340VC-1	FAST FILL MATRIX 1" RECEIVER	GREY
R350VC-1	FAST FILL MATRIX 1" RECEIVER	ORANGE
R360VC-1	FAST FILL MATRIX 1" RECEIVER	YELLOW
R370VC-1	FAST FILL MATRIX 1" RECEIVER	RED
R380VC-1	FAST FILL MATRIX 1" RECEIVER	GOLD



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