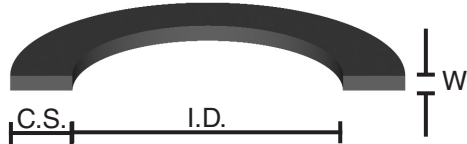


## STYLE MBN U-SEAL BACK-UP RINGS

Hard nylon back-up rings for use with U-seals.



### SEAL INFORMATION

MATERIAL	NYLON
TEMPERATURE RANGE	-65° TO +220° F
PRESSURE RANGE	0 TO 5,000 PSI
PART NUMBER	(Prefix) - (ID) X (CS) X (W)

### BACK-UP RINGS

Part Number
MBN-75X2.5X2.5
MBN-28X3.7X1.5
MBN-40X4X1.4
MBN-42X4X1.5
MBN-25X5X2
MBN-30X5X3
MBN-35X5X1.8
MBN-40X5X1.5
MBN-40X5X2.5
MBN-50X5X1.6
MBN-75X5X3
MBN-132X5X4
MBN-145X5X4
MBN-155X5X4
MBN-45X5.5X2.5

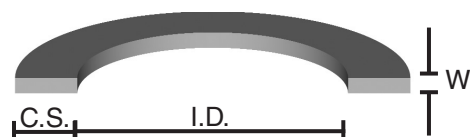
Part Number
MBN-63X6X1.5
MBN-60X6.5X3
MBN-65X6.5X3
MBN-70X6.5X3
MBN-75X6.5X3
MBN-80X6.5X3
MBN-40X7.5X3
MBN-45X7.5X3
MBN-50X7.5X2.5
MBN-50X7.5X3
MBN-60X7.5X2.5
MBN-65X7.5X3
MBN-70X7.5X1.6
MBN-70X7.5X3
MBN-75X7.5X3

Part Number
MBN-80X7.5X3
MBN-85X7.5X1.9
MBN-85X7.5X3
MBN-90X7.5X3
MBN-95X7.5X3
MBN-100X7.5X3
MBN-105X7.5X3
MBN-110X7.5X3
MBN-120X7.5X3
MBN-60X10X3
MBN-70X10X3
MBN-75X10X3
MBN-80X10X3
MBN-85X10X3
MBN-90X10X3

Part Number
MBN-95X10X3
MBN-100X10X3
MBN-105X10X3
MBN-110X10X3
MBN-120X10X3
MBN-125X10X3
MBN-130X10X3
MBN-140X10X3
MBN-160X12.5X3
MBN-160X12.5X3.5
MBN-170X12.5X3
MBN-180X12.5X3.5

## STYLE MBT U-SEAL BACK-UP RINGS

Filled PTFE back-up rings primarily used with U-seals.



SUFFIX:  
 S = SPLIT RING  
 B = BRONZE FILLED PTFE  
 G = GLASS FILLED PTFE  
 M = MOLY FILLED PTFE

### SEAL INFORMATION

MATERIAL	FILLED PTFE
TEMPERATURE RANGE	-40° TO +500° F
PRESSURE RANGE	0 TO 5,000 PSI
PART NUMBER	(Prefix) - (ID) X (CS) X (W)

Part Number
MBT-8X5X2SB
MBT-10X5X2SB
MBT-14X5X2SB
MBT-16X4X2SB
MBT-16X5X2SB
MBT-18X4X2SB
MBT-18X5X2SB
MBT-20X1X.85GM
MBT-20X5X2SB
MBT-22X4X1SG
MBT-22.4X5.3X2SB
MBT-23.5X4X2SB
MBT-25X4X1SG
MBT-25X4X2SB
MBT-25X5X2SB
MBT-25X6.5X2SB
MBT-26X2X2.5SG
MBT-27X6.5X3SB
MBT-28X3.75X3SB
MBT-28X6X3SB
MBT-28X6.5X3SB
MBT-29.5X3X1.25
MBT-30X5X1.5SG
MBT-30X5X1.9SB
MBT-30X5X3SB
MBT-30X6.5X3SB
MBT-31.5X6.5X3SB
MBT-32X4X1SG
MBT-32X4.8X1.5SG
MBT-32X5X2SG
MBT-32X8X3B
MBT-34X8X3SB

Part Number
MBT-35X5X1.5SG
MBT-35X5X2SG
MBT-35X5X3SB
MBT-35X7.5X3SB
MBT-35.5X4.75X3SB
MBT-35.5X7.5X3SB
MBT-38X5X3SB
MBT-40X5X0.5
MBT-40X5X1.5
MBT-40X5X2SG
MBT-40X5X3SB
MBT-40X6.5X2SG
MBT-40X7.5X3SB
MBT-40X7.5X3SB
MBT-40X7.5X3SB
MBT-40X7.5X3SB
MBT-40X8X3SB
MBT-42X6.5X2SG
MBT-45X5X1.5SG
MBT-45X5X2SGM
MBT-45X5X3SGM
MBT-45X5.5X0.5
MBT-45X5.5X3SB
MBT-45X7.5X3
MBT-45X8X3SB
MBT-45X10X3B
MBT-48X7.5X2SG
MBT-48X7.5X3SB
MBT-50X5X1.5SG
MBT-50X5X1.9
MBT-50X5X3SB
MBT-50X6.5X2SG
MBT-50X6.5X3SB

Part Number
MBT-50X7.5X0.6
MBT-50X7.5X2SG
MBT-50X7.5X3
MBT-50X8X3G
MBT-50X10X3SB
MBT-50.4X7.3X3SB
MBT-53X5X2SG
MBT-55X5X1.5SG
MBT-55X5X3SB
MBT-55X6.5X3SB
MBT-55X7.5X2SG
MBT-55X7.5X3SB
MBT-55X8X3SB
MBT-55X10X3SB
MBT-56X5X3SB
MBT-60X5X1.5SG
MBT-60X5X3SB
MBT-60X5.5X3SB
MBT-60X6.5X3SB
MBT-60X7.5X0.5
MBT-60X7.5X3SB
MBT-60X10X3SB
MBT-63X5X3SB
MBT-64X8X3SB
MBT-65X5X1.5SG
MBT-65X5X3SB
MBT-65X6.5X3SB
MBT-65X7.5X2SG
MBT-65X7.5X3SB
MBT-65X10X3
MBT-66X6.5X3SB

Part Number
MBT-67X5X3SB
MBT-70X5X1.5SG
MBT-70X5X3SB
MBT-70X6.5X3SB
MBT-70X7.5X2SG
MBT-70X7.5X3SB
MBT-70X10X3C
MBT-71X4.5X3SB
MBT-71X5X3SB
MBT-71X10X3SB
MBT-75X5X1.5SG
MBT-75X5X2SG
MBT-75X5X3SB
MBT-75X6.5X3SB
MBT-75X7.5X2SG
MBT-75X7.5X3SB
MBT-75X10X2C
MBT-75X10X3SB
MBT-76X6.9X3SB
MBT-80X5X3SB
MBT-80X6.5X3SB
MBT-80X7.5X3SB
MBT-84X10X2.5SG
MBT-85X7.5X2SG
MBT-85X7.5X3SB
MBT-85X10X3SB
MBT-90X5X1.9
MBT-90X5X2SG
MBT-90X7.5X2SG
MBT-90X7.5X3SB
MBT-90X10X3
MBT-95X7.5X2SG

BACK-UP RINGS

## STYLE MBT U-SEAL BACK-UP RINGS

BACK-UP RINGS/ROD SEALS

Part Number
MBT-95X7.5X3SB
MBT-95X10X3
MBT-100X7.5X1.5
MBT-100X7.5X3SB
MBT-100X10X3SB
MBT-105X7.5X2SG
MBT-105X7.5X3SB
MBT-105X10X3SB
MBT-110X7.5X3SB
MBT-110X10X3SB
MBT-112X6.5X3SB
MBT-115X7.5X2G

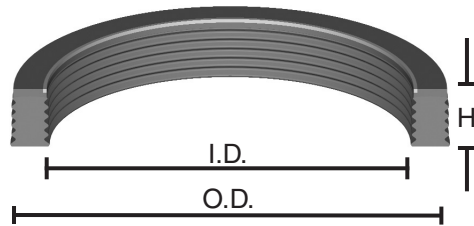
Part Number
MBT-115X7.5X3SB
MBT-115X8.5X3SB
MBT-115X10X3SB
MBT-120X7.5X3SB
MBT-120X10X3SB
MBT-125X7.5X3SB
MBT-125X12.5X3SB
MBT-130X7.5X3SB
MBT-130X10X3SB
MBT-135X7.5X3SB
MBT-135X10X3SB
MBT-135X12.5X3SB

Part Number
MBT-136X7X3SB
MBT-140X7.5X3SB
MBT-140X10X3SB
MBT-140X12.5X3SB
MBT-145X7.5X3SB
MBT-145X10X3SB
MBT-150X7.5X3SB
MBT-150X10X3SB
MBT-155X7.5X4SB
MBT-155X10X4SB
MBT-155X12.5X4SB
MBT-160X7.5X4SB

Part Number
MBT-160X10X3SB
MBT-160X10X4SB
MBT-165X7.5X4SB
MBT-170X5X4SB
MBT-170X7.5X4SB
MBT-170X10X4SB
MBT-170X15X4SB
MBT-175X7.5X4SB
MBT-175X12.5X4SB
MBT-280X12.5X4SB

## STYLE MSMR ROD SEAL W/BACK-UP RINGS

With nitrile redundant lips and acetal header, this seal features high sealability with extrusion resistance capable of high pressure.



### SEAL INFORMATION

SEAL INFORMATION	
MATERIAL	NBR SEAL ACETAL HEADER AND ANTI-EXTRUSION RING
TEMPERATURE RANGE	-22° TO +212° F
PRESSURE RANGE	0 TO 10,000 PSI
PART NUMBER	(Prefix) - (ID) X (OD) X (H)

Part Number
MSMR-32X47X22.5
MSMR-40X50X17.3
MSMR-40X52X22.5
MSMR-40X55X22.5
MSMR-45X60X22.5
MSMR-50X63X20
MSMR-50X65X22.5

Part Number
MSMR-50X65X24.5
MSMR-55X70X22.5
MSMR-55X70X25
MSMR-60X75X22.5
MSMR-60X80X30
MSMR-63X83X25
MSMR-63X83X27

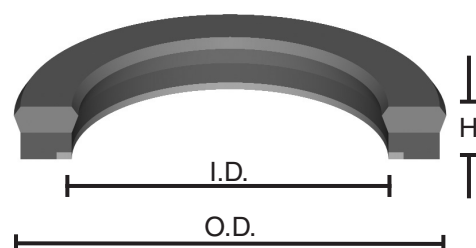
Part Number
MSMR-63X83X30
MSMR-65X85X29
MSMR-70X83X25
MSMR-70X85X22.5
MSMR-70X90X30
MSMR-75X95X30
MSMR-80X95X22.5

Part Number
MSMR-80X100X30
MSMR-90X110X30
MSMR-100X120X30
MSMR-105X125X30
MSMR-140X160X30

## STYLE MUFN-EI ROD U-SEALS W/BACK-UP RINGS



Incorporating a rubber seal lip, a rubberized fabric heel and an acetal back-up ring. This seal provides excellent sealability and high extrusion resistance.



### SEAL INFORMATION

MATERIAL	NBR 80 DURO SEAL NEO-FAB HEEL ACETAL ANTI-EXTRUSION RING
TEMPERATURE RANGE	-22° TO +212° F
PRESSURE RANGE	0 TO 6,000 PSI
PART NUMBER	(Prefix) - (ID) X (OD) X (H)

Part Number
MUFN-16X24X6.5EI
MUFN-20X28X6.5EI
MUFN-22X30X6.5EI
MUFN-22X35X9.5EI
MUFN-25X33X6EI
MUFN-25X33X6.5EI
MUFN-25X33X7EI
MUFN-25X35X7.5EI
MUFN-25X35X8EI
MUFN-25X37X10EI
MUFN-25X38X9.5EI
MUFN-28X38X7.5EI
MUFN-28X38X8EI
MUFN-28X40X9EI
MUFN-30X38X6EI
MUFN-30X40X7EI
MUFN-30X40X10EI
MUFN-30X45X10.5EI
MUFN-32X40X8.5EI
MUFN-32X42X8EI
MUFN-32X45X9.5EI
MUFN-35X43X6EI
MUFN-35X45X6.5EI

Part Number
MUFN-35X45X7.5EI
MUFN-35X45X10EI
MUFN-35X50X10.5EI
MUFN-36X43X6EI
MUFN-36X46X8EI
MUFN-36X48X9EI
MUFN-40X48X6EI
MUFN-40X50X7.5EI
MUFN-40X50X10EI
MUFN-40X50X10.5EI
MUFN-40X52X10.5EI
MUFN-40X55X10.5EI
MUFN-45X53X8EI
MUFN-45X53X10.5EI
MUFN-45X55X7.5EI
MUFN-45X55X10.5EI
MUFN-45X60X10EI
MUFN-45X60X10.5EI
MUFN-45X65X14EI
MUFN-48X60X10.5EI
MUFN-50X60X7.5EI
MUFN-50X60X9.5EI
MUFN-50X60X10EI

Part Number
MUFN-50X62X9.5EI
MUFN-50X65X10.5EI
MUFN-50X65X11EI
MUFN-50X70X14EI
MUFN-55X65X10.5EI
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MUFN-60X75X12.5EI
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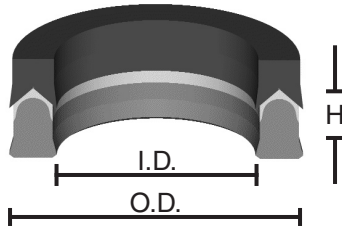
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MUFN-80X96X10EI
MUFN-80X100X12EI
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MUFN-100X115X12EI
MUFN-100X120X11.5EI
MUFN-100X120X12EI
MUFN-100X120X14EI
MUFN-105X115X10.5EI
MUFN-105X120X13EI
MUFN-110X125X11.5EI
MUFN-110X130X12EI
MUFN-125X150X14EI
MUFN-130X145X9EI
MUFN-140X160X12EI

ROD SEALS



## STYLE MUFN-BR ROD U-SEALS W/HEADERS

This is a single acting rod seal designed for low and high pressure sealing and is commonly found in telescopic cylinders. The seal consists of a molded rubber sealing lip, rubberized fabric heel, and a polyester header, for improved extrusion resistance.



SEAL INFORMATION	
MATERIAL	RUBBER, FABRIC, POLYESTER ELASTOMER
TEMPERATURE RANGE	-22° TO +212° F
PRESSURE RANGE	1.64 FPS / 3600PSI 0.49 FPS / 5800PSI
PART NUMBER	(Prefix)(CS) - (Inside Dia) - (Height)

Part Number	I.D.	O.D.	H.
MUFN-78X88X12BR-M-F	78	88	12
MUFN-98X108X12BR-M-F	98	108	12
MUFN-117X127X14BR-M-F	117	127	14
MUFN-136X146X14BR-M-F	136	146	14

Part Number	I.D.	O.D.	H.
MUFN-155X165X14BR-M-F	155	165	14
MUFN-176X188X16BR-M-F	176	188	16
MUFN-198X210X17.5BR-M-F	198	210	17.5