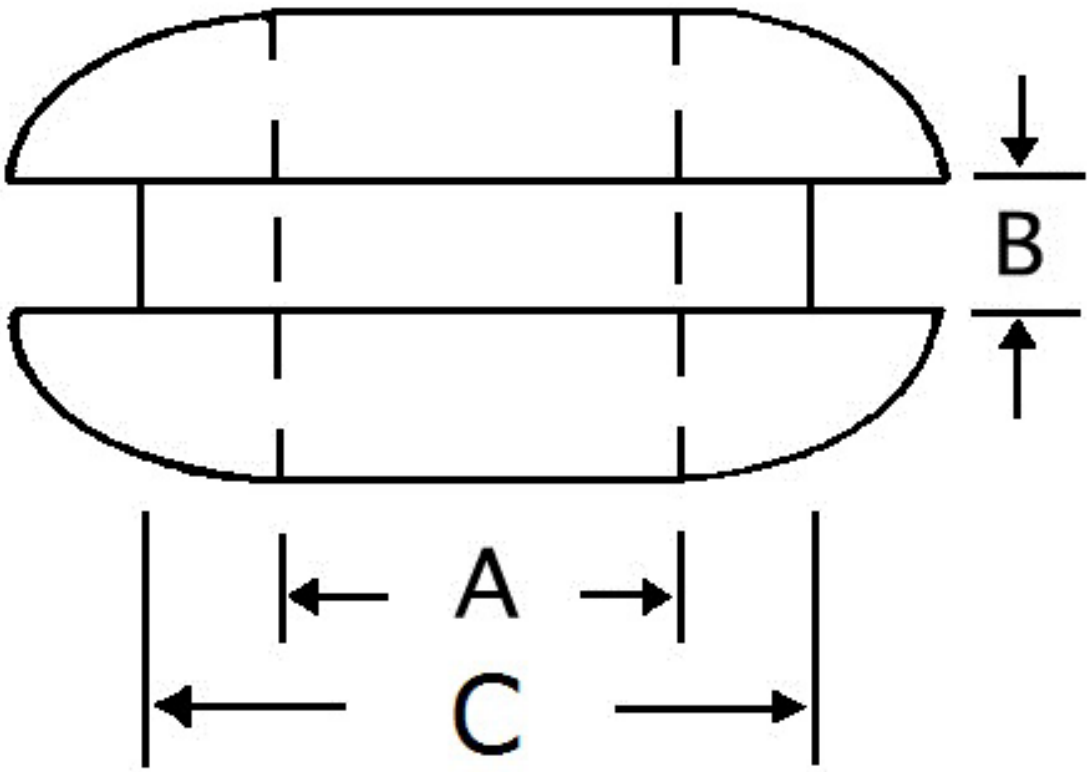
PICO®

6115-6127
Specifications Sheet

Outline Drawing



Part H	A	B	C	Material
6115	1/8″	1/16″	1/4″	SBR
6116	3/16″	1/16″	5/16″	Bruna N
6117	1/4″	1/16″	3/8″	EPDM
6118	5/16″	1/16″	7/16″	SBR
6119	3/8″	1/16″	1/2″	SBR
6121	25/64″	1/8″	21/32″	SBR
6120	1/2″	1/16″	5/8″	SBR
6125	1/2″	1/4″	13/16″	SBR
6122	5/8″	1/16″	7/8″	SBR
6123	11/16″	1/16″	1″	SBR
6124	3/4″	1/8″	1-1/16″	SBR
6127	1″	1/8″	1-3/8″	SBR

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Bruna N Material Sheet:

Common Names:	Bruna N, Nitrile, NBR
Trade Names:	Oil Ace Mincar
ASTM D-2000 Classification:	BF, BG, BK
Military (MIL-STD 417):	SB
Chemical Definition:	Butadiene Acrylonitrile

General Characteristics:

Durometer ange (Shore A):	20 - 95
Tensile Range (PSI):	200 - 3000
Elongation (Max %):	600
Compression Set:	Good
Resilience/ Rebound:	Good
Abraison Resistance:	Excellent
Tear Resistance:	Good
Solvent Resistance:	Good to Excellent
Oil Resistance:	Good to Excellent
Usage Temperature Range (°F):	-30 to 250
Aging Weather (UV Resistance):	Poor
Adhesion to Metals:	Good to Excellent

Comment:

Nitrile (Bruna N) is a general purpose oil resistant polymer which has good solvent, oil, water, and hydraulic fluid resistance, good compression set, abrasion resistance and tensile strength. Nitrile should not be used in highly polar solvents such as acetone, MEK, ozone, chlorinated hydrocarbons and nitro hydrocarbons.

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EPDM Material Sheet:

Common Names:	EPR, EPT, EPDM
Trade Names:	Resist-O (Nordel®)
ASTM D-2000 Classification:	CA
Military (MIL-STD 417):	RS
Chemical Definition:	Ethylene Propylene

General Characteristics:

Durometer ange (Shore A):	30 - 90
Tensile Range (PSI):	500 - 2500
Elongation (Max %):	600
Compression Set:	Good
Resilience/ Rebound:	Good
Abraison Resistance:	Good
Tear Resistance:	Fair
Solvent Resistance:	Poor
Oil Resistance:	Poor
Usage Temperature Range (°F):	-20 to 350
Aging Weather (UV Resistance):	Excellent
Adhesion to Metals:	Fair to Good

Comment:

Ethylene Propylene is a polymer with outstanding properties. It has exceptionally good weather aging and ozone resistance; excellent water and chemical resistance; excellent resistance to gas permeability, and excellent resistance to temperature. Ethylene Propylene is a polymer where oil and solvent resistance is poor, however it is fairly good with ketones and alcohols. It is not recommended for food applications or exposure to aromatic hydrocarbons.

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SBR Material Sheet:

Common Names:	SBR, GRS
Trade Names:	Ironsides
ASTM D-2000 Classification:	AA, BA
Military (MIL-STD 417):	RS
Chemical Definition:	Stryene Butadiene

General Characteristics:

Durometer ange (Shore A):	30 - 100
Tensile Range (PSI):	500 - 3000
Elongation (Max %):	600
Compression Set:	Good
Resilience/ Rebound:	Good
Abraison Resistance:	Excellent
Tear Resistance:	Fair
Solvent Resistance:	Poor
Oil Resistance:	Poor
Usage Temperature Range (°F):	-50 to 225
Aging Weather (UV Resistance):	Poor
Adhesion to Metals:	Excellent

Comment:

SBR is a low cost non oil resistant material. It has good water resistance and resilience up to 70 durometer; compression set becomes poorer with higher durometer; generally satisfactory for most moderate chemicals and wet or dry organic acids. SBR is not recommended for ozone, strong acids, oils, greases, fats and most hydrocarbons.