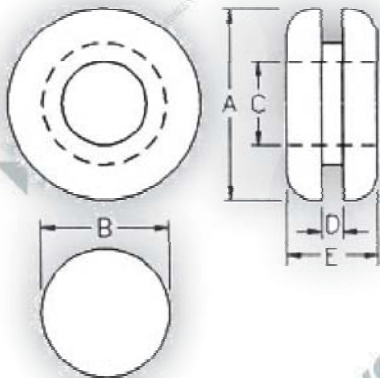


**CODIGO**

**DESCRIPCION**

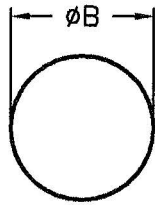
GM-X

Pasacables de goma

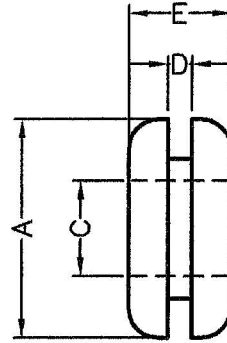
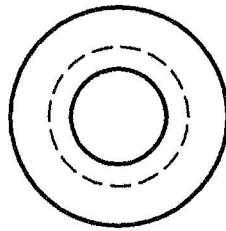


PART NO	A	B	C	D	E	PACKAGE
GM-1	8.0	4.8	3.2	1.6	6.4	1000
GM-1A	9.5	6.4	4.0	1.6	6.4	
GM-2	10.8	8.0	4.5	1.6	4.5	
GM-3	14.4	9.5	6.3	1.6	7.0	
GM-3A	14.2	11.0	8.0	1.6	4.8	
GM-4	17.5	12.7	9.5	1.6	6.8	
GM-5	22.0	17.5	14.2	1.6	4.8	
GM-6	22.0	19.0	16.0	1.6	5.5	
GM-7	31.4	25.2	18.5	1.6	8.0	
GM-8	20.0	14.0	6.0	1.0	7.0	
GM-9	15.9	12.7	9.5	1.6	6.4	

REVISIONS			
REV	DESCRIPTION	DATE	BY



MOUNTING HOLE



PART NO	A	B	C	D	E	COLOR
GM-1	8.0	4.8	3.2	1.6	6.4	BLACK
GM-1(C)	8.0	4.8	3.2	1.6	6.4	COMPUTER
GM-1A	9.5	6.4	4.0	1.6	6.4	BLACK
GM-2	10.8	8.0	4.5	1.6	4.5	BLACK
GM-3	14.4	9.5	6.3	1.6	7.0	BLACK
GM-3A	14.2	11.0	8.0	1.6	4.8	BLACK
GM-4	17.5	12.7	9.5	1.6	6.8	BLACK
GM-5	22.0	17.5	14.2	1.6	4.8	BLACK
GM-6	22.0	19.0	16.0	1.6	5.5	BLACK
GM-6A	25.0	19.5	18.0	1.6	6.0	BLACK
GM-7	31.4	25.2	18.5	1.6	8.0	BLACK
GM-8	19.5	14.0	6.0	1.0	7.0	BLACK
GM-9	15.9	12.7	9.5	1.6	6.4	BLACK
GM-15	10.8	8.0	5.0	1.6	4.5	BLACK

康揚符合歐盟ROHS規範 (K. Y. Accord EU RoHS Compliant)

★鉛Pb	<1000PPM
★鎘Cd	< 100PPM
★汞Hg	<1000PPM
★六價鉻Cr6+	<1000PPM
★多溴聯苯類PBBs	<1000PPM
★多溴聯苯醚類PBDEs	<1000PPM
★有鹵料件 Halogen-containing Product	

PART NUMBER <b>SEE ABOVE</b>		DRAWING NUMBER <b>GM-H</b>		TITLE <b>GROMMET</b>		SPEC. DWG.	
				MATERIAL <b>RUBBER(NBR)</b>		DATE <b>2005.08.23</b>	
				FINISH		DRAWN	
				COLOR <b>SEE ABOVE</b>		CHECK	
SIZE <b>A4</b>	SCALE <b>NONE</b>	UNIT <b>mm</b>	REV <b>B</b>	TOLERANCE <b>±0.4</b>		APPROVED	

# NANCAR<sup>®</sup> 1051

**ISSUED: May 2008**

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## **POLYMER DESCRIPTION :**

NANCAR<sup>®</sup> 1051 is a high acrylonitrile butadiene copolymer with excellent oil resistance. It is polymerized at low temperature and contains sufficient antioxidant for normal aging conditions. It has good processing characteristics in compounds where flow and knitting are desired and is especially valuable in high durometer compounds.

## **APPLICATION :**

NANCAR<sup>®</sup> 1051 provides good processing and building tack. It is suggested for use in molded goods, friction stock and similar applications.

## **POLYMER PROPERTIES:**

	Typical Value	Test Method
Bound acrylonitrile, %	41	NANTEX E-001
Mooney viscosity, ML1+4 @ 100°C	68	ASTM D-1646
Heat loss, %	0.4	ASTM D-5688
Specific gravity	1.00	
Solubility in MEK, %	100	
Stabilizer	Slightly-staining	

## **COMPOUND PROPERTIES:**

### **1. TEST RECIPE : ASTM D-3187**

Ingredients	Parts (phr)
NANCAR <sup>®</sup> 1051	100.00
Zinc Oxide, NBS 370	3.00
Sulfur, 2% MgCO <sub>3</sub> coated	1.50
Stearic Acid, NBS SRM 372	1.00
HAF Black IRB#6	40.00
TBBS, NBS 384	0.70
Total	146.20

### **2. UNCURED STOCK PROPERTIES:**

	Typical Value	Test Method
Mooney viscosity, ML1+4 @ 100°C	116	ASTM D-1646
Mooney scorch, large rotor, 125°C		
Minimum viscosity, Vm	63	ASTM D-1646
Minutes to 5 points rise, t <sub>5</sub>	35.1	
Minutes to 35 points rise, t <sub>35</sub>	38.6	

NANCAR<sup>®</sup> is the registered trade mark of nitrile rubber manufactured by NANTEX INDUSTRY CO., LTD.

# NANCAR<sup>®</sup> 1051

**ISSUED: May 2008**

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### 3. CURED STOCK PROPERTIES:

#### 3.1 ORIGINAL PROPERTIES : CURED @150°C

	Minutes	Typical Value	Test Method
Tensile Strength,	20	280 (27.5)	ASTM D-412
Kg/cm <sup>2</sup> (Mpa)	40	284 (27.9)	
	60	288 (28.2)	
Elongation, %	20	580	
	40	530	
	60	510	
Modulus at 300% Elongation,	20	128 (12.6)	
Kg/cm <sup>2</sup> (Mpa)	40	142 (13.9)	
	60	156 (15.3)	
Hardness, Durometer A, points	20	70	ASTM D-2240
	40	72	
	60	74	
Tear Strength, Die C, Kg/cm	40	58	ASTM D-624
Compression Set, 100°C×70hrs, %	60	54	ASTM D-395

#### 3.2 AGING PROPERTIES : CURED@150°C×40 MINUTES

	Typical Value	Test Method
ASTM #1 Oil Immersion, @100°C×70hrs		ASTM D-471
Tensile strength change, %	-3	
Elongation change, %	-24	
Hardness change, points	+2	
Volume change, %	-1.1	
ASTM #3 Oil Immersion, @100°C×70hrs		ASTM D-471
Tensile strength change, %	-8	
Elongation change, %	-14	
Hardness change, points	-6	
Volume change, %	+9.4	
Test Tube Heat Aging, @100°C×70hrs		ASTM D-865
Tensile strength change, %	-7	
Elongation change, %	-20	
Hardness change, points	+4	