

UNIVERSAL RUBBER CO.

DATA SHEET;

CODE:

BR:CIG3F/R

MATERIAL : **FLAME RETARDENT
NEOPRENE SPONGE**
POLYMER : **CR**
BLOCK SIZE : **1900mm +/-3% x 1000mm**
THICKNESS : **37mm +/-2**
COLOUR : **GREY**
CELL STRUCTURE : **CLOSED**
SPEC TO ASTM D 1056-85 : **2 A2 A1B2 MP**
AFNOR FG-R99-211-80 : **3 C 08 B4**
SAE J 18-79 : **SCE42 A1 B2 MP**
DENSITY : **170/220 Kg,m3**
SHORE HARDNESS 00 : **38-55 00SHORE RATED**

<u>COMPRESSION DEFLECTION TO:</u>	<u>AVERAGE</u>	<u>REQUIRED</u>
ASTM D 1056-25% COMPRESSION:	50Kpa	36-83Kpa
NFR 99211-80-50% COMPRESSION;	125%Kpa	80-180Kpa

CHANGE IN COMPRESSION DEFLECTION TO

ASTM D 1056 AFTER -85	-20%	FROM -30 TO +30%
AFTER 22H@ 100 DEG C	-14%	-30 TO +30%
WATER ABSORPTION ASTM D 1056:	0.9%	=<5%
<u>COMPRESSION SET 50%/22H:</u>		
ASTM D 1056 AT 23 DEG C/70DEG F	16%	=<25%
AFTER 24H RELEASE		
NFR 99211 AT 40 DEG C/105 DEG F	49%	=<60%
<u>LINEAR SHRINKAGE;</u>		
AFTER 22H AT 70DEG C	3.8%	<5%
ULTIMATE ELONGATION DIN53571	236%	<200%

