

## Specification Sheet / 01 A355/C2020 Neoprene/Nitrile bonded cork



### General Information and application

Excellent general purpose gasketing material, its toughness and good compressibility characteristics make it highly satisfactory in a very wide range of applications. The material has a very low swelling in oils and fuels, which makes it especially suitable for transformer applications

### Material Description

Cork granule size US Mesh 18/35

### Specification Conformance

BSAU RC80-B  
DEF22 (Aircraft Industry)  
BS2F66 (minimum granule mix 65% Nitrile as per British Standard)  
ASTM F104(F225000-M2S9)  
Colour- Black  
Binder-Neoprene/Nitrile Rubber

### Physical Characteristics

Density-700-800 kg/cu.mt  
43.8-50 lbs/cu.ft  
Hardness Shore A-60-80  
Compressibility, 44 PSI(28kg/sq.cm) - 25-40%  
Recovery - 75%  
Tensile Strength(min) psi.250kg/sq.cm-17.5 kg/sq.cm

### Flexibility

Original F=5-No cracks  
ASTM No 1 Oil, 70 Hrs @ 100c (F16)-No cracks  
Oven aged, 70 Hrs @ 70 Hrs @ 100c (F16)-No cracks

### Volume change after Immersion

ASTM No 1 Oil 70 Hrs @ 100c (%) -10 to +10  
ASTM No 3 Oil 70 Hrs @ 100c (%) 0 to + 20  
ASTM Fuel A, 22 Hrs @ R.T.O (%) 0 to + 10

### Specification according to

ASTM F104-59  
Specification and test methods according to ASTM F104-93

### Temperature range

-20 to + 120 Degrees centigrade.

### Change Control Date

15/9/2020

### Change

Created

