

## CR/NBR Cellular Rubber N3950

### Description:

Cellular rubber with a closed cell structure. N3950 has a good resistance against ageing, and is resistant against oils and a variety of solvents. Excellent weather resistance, i.e. against air, humidity, U.V. and ozone.

Typical use would be for sealing of joints with high dimension variation such as doors, bonnets, lids, ducts, piping, filters etc. In general for flange joints at moderate temperatures and lower inner pressure.

Technical Data	Test method	Unit	Values
Basis			CR/NBR
Cellular structure			Closed
Colour			black
Density		kg/m <sup>3</sup>	150±25
Hardness	ASTM D2240	Shore 00	50±5
Water absorption	ASTM D1056		<5%
Temperature range in air, constant		°C	-40° - +100°
Temperature range in air, intermittent		°C	-40° - +120°
Linear shrinkage	ASTM D1204		<5%
Ultimate elongation	ASTM D412		>250%
Tensile strength	ASTM D412	kPa	1150
Tear Resistance	ASTM D624	kN/m	0.43
Compression strength	ASTM 1056/85	kPa	40 (at 25%)
Compression set 50%/22h	ASTM 1056		25%

### Misc.

Approvals: UL94: HFI (2.0 to 8.0 mm) and V0 (over 8.0 to 40.0 mm)