



DATA SHEET

MATERIAL REFERENCE – FLUORINOID® FL020

DESCRIPTION MODIFIED PTFE

Material approved in accordance with **NORSOK M-710** Annex C, by Element Materials Technology Report No. C3014-1

TYPICAL APPLICATIONS

N020 modified PTFE offers lower deformation, increased fatigue resistance and lower permeation when compared with PTFE. Typically used for static seals of low molecular weight gases.

TYPICAL PHYSICAL PROPERTIES

SPECIFIC GRAVITY	(BS EN ISO 13000-2)	2.16
TENSILE STRENGTH	(BS EN ISO 13000-2)	min. 25MPa
ELONGATION	(BS EN ISO 13000-2)	min. 375 %
SHORE D HARDNESS	(BS EN ISO 13000-2)	56
OPERATING TEMPERATURE RANGE		-200 to 260°C