



DATA SHEET

MATERIAL REFERENCE – FLUORINOID® FL021

DESCRIPTION GLASS FILLED MODIFIED PTFE

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

TYPICAL APPLICATIONS

FL021 has been developed to take advantage of the reduced permeability and creep of modified PTFE whilst improving the wear factor without dramatically increasing the coefficient of friction. Used in dynamic seals of high pressure, low molecular weight gaseous media.

TYPICAL PHYSICAL PROPERTIES

SPECIFIC GRAVITY	(BS EN ISO 13000-2)	2.10 - 2.25
TENSILE STRENGTH	(BS EN ISO 13000-2)	Min. 20MPa
ELONGATION CD	(BS EN ISO 13000-2)	Min. 240 %
SHORE D HARDNESS	(BS EN ISO 13000-2)	55-59
MAXIMUM SERVICE TEMPERATURE		260°C