

DATA SHEETMATERIAL REFERENCE – FLUORINOID® FL 304DESCRIPTION FEPFORMULATION COPOLYMER OF TETRAFLUOROETHYLENE
AND HEXAFLUOROPROPYLENETYPICAL APPLICATIONS

FL 304 is a melt processible fluoropolymer with excellent chemical resistance and thermal properties, which are nevertheless not quite as good as those of PTFE. It has maximum use temperature of 205°C.

FEP films transmit a high percentage of ultraviolet and visible light and are much more transparent to the infrared spectrum than glass.

STANDARD 3.1 CERTIFIABLE PROPERTIES #

SPECIFIC GRAVITY	(BS EN ISO 13000-2)	2.12 – 2.17
TENSILE STRENGTH	(BS EN ISO 13000-2)	20MPa Minimum
ELONGATION	(BS EN ISO 13000-2)	250% Minimum
SHORE D HARDNESS	(BS EN ISO 13000-2)	57 - 63

ADDITIONAL PROPERTIES BY REQUEST #

UV TRANSMISSION	(UV-A, 0.25 MM FILM)	95 - 96 %
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These figures are typical values for the material and do not represent a product specification. Properties will vary depending on the source of raw material, method of processing, physical form of the product, direction of measurement etc.

MATERIAL DATA SHEET

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