

MATERIAL DATASHEET

Material Reference:

FLUORONOID® FL305

PFA (copolymer of tetrafluoroethylene and perfluoro alkyl vinyl ether)

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> **Description** >

FL305 is a melt processible fluoropolymer with chemical resistance and thermal properties which are as good as those of PTFE. It has a maximum use temperature of 260°C.

The material is also good for use as Distance Strips and Blister Strips in Ammonia production due to its chemical and electrical resistance along with FL300 ETFE.

> **Typical Physical Properties #**

Properties	Value	Method
Specific Gravity	2.12-2.17	ASTM D1457
Tensile Strength	min. 20 MPa	ASTM D1457
Elongation	min. 250%	ASTM D1457
Hardness Shore D	55-65	ASTM D2240

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.