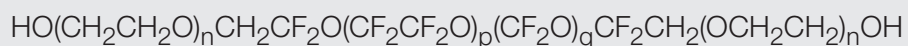


# Fluorolink® PEG45

## Perfluoropolyether

Fluorolink® PEG45 is a dialcohol terminated, ethoxylated perfluoropolyether having the following chemical structure:



Fluorolink® PEG45 has an excellent compatibility with hydrogenated monomers and, thanks to its functional hydroxyl end-groups, can be used to modify polyurethanes, polyesters and epoxies.

Small amounts (0.5–2.0 % w/w) are effective to improve the surface properties of hydrogenated coatings and materials: typically the water and oil repellence, anti-smudge, and friction.

### Typical properties of Fluorolink® PEG45

Property	Typical Value	Unit	Test Method
Functional groups	Alcohol		
Average equivalent weight (NMR)	1,000–1,100	amu	PF30/46
n value (average number of ethylene oxide units)	4–5.5	–	PF30/46
Kinematic viscosity at 20 °C	250–480	cSt	ASTM D445
Density at 20 °C	1.58–1.65	g/cm <sup>3</sup>	ASTM D891
Appearance	Clear, light yellow liquid		PF29/142

*Note: shake well before use*

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