

THE NEW STANDARD

HOSES • PRODUCT TRANSFER EQUIPMENT NEEDS TO KEEP UP WITH DEVELOPMENTS IN FUEL QUALITIES; ELAFLEX IS PLAYING ITS PART WITH A NEW 'ALLROUNDER' HOSE

INCREASING VARIETY IN road fuel specifications and the ever-growing need to ensure they are kept free of contamination are challenging the standard transfer equipment in use at refineries and oil terminals.

Elaflex, one of the leading suppliers of petroleum hoses in Europe, has addressed this issue with the launch of its new Polypal Oil hose, specifically designed to cope with applications where gasoline fuel types and additives often change or may be unknown.

The Polypal Oil hose follows the established trend in the chemical industry, where universal hoses are preferred to those with specialised rubber linings, Elaflex says.

The new hose is universally resistant with a UPE lining that is electrically conductive and suitable for all types of petroleum-based fuels, aromatics and fuel additives, incorporating a very low permeation of highly volatile fuel components.

ALL-ROUND PERFORMANCE

In order to manufacture environmentally friendly and efficient premium products, terminals have to constantly handle new or changing fuel qualities. Hose assemblies used at the terminal are therefore subjected to volatile strain due to changing amounts as well as new types of aromatics and additives. Some of the new compositions of gasoline, aromatics or additives may have an adverse



effect on the longevity of standard hoses. For decades, the 'Yellow Band' TW hoses from Elaflex have been the standard for bottom loading of road tankers with diesel, heating oil and gasoline but, after extensive field trials, Elaflex now recommends the new Polypal Oil hose as the standard for gasoline products.

Elaflex says its TW hose is still suitable for diesel and heating oils, even pure B100 bio-diesel, and can be used in gasoline service where the aromatic content is less than 50 per cent and in applications where fuel qualities do not fluctuate considerably. Alternatively, Polypal Oil can be used as a universal hose for all kinds of fuels.

Polypal Oil has a working pressure of 16 bar and an operating temperature range from -30°C to +100°C, corresponding to the EN 12115 standard. It has a smooth, black ultra-high molecular weight polyethylene (UPE) lining, reinforced with textile braids and a galvanised steel helix. The cover is black chloroprene, resistant to oil, marked with a blue and white spiral. Both the lining and cover are electrically conductive, again in conformity with EN 12115. It is available ex stock in sizes DIN 50, 75 and 100. HCB

More information on the Polypal Oil hose is available on the Elaflex website, www.elaflex.de, or via the Elaflex hose configurator at <https://hoseconfigurator.elaflex.de>.