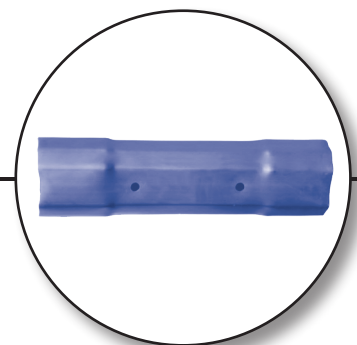
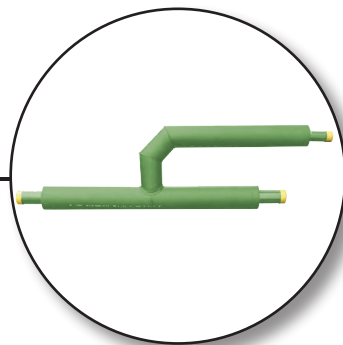
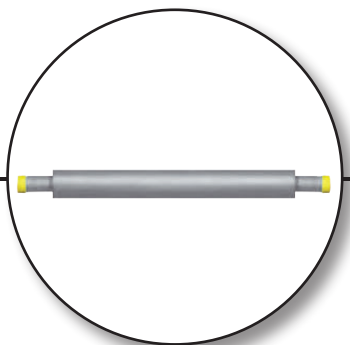
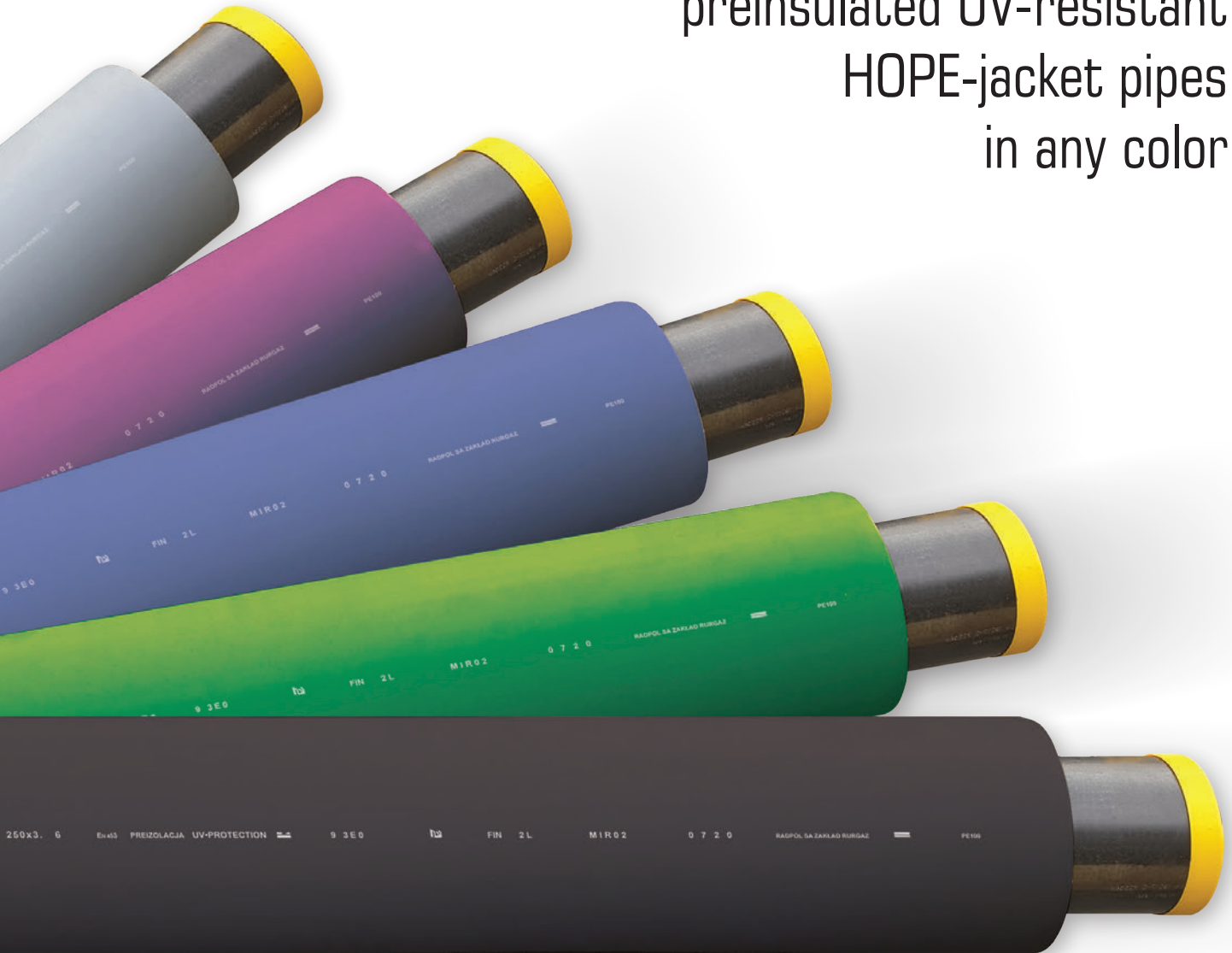




RADPOL **PIPES**

UV PROTECT COLOR

preinsulated UV-resistant
HOPE-jacket pipes
in any color



Preinsulated pipes | Fittings | Radially cross-linked sleeves



Nowadays, the construction of overhead preinsulated transmission networks in industrial plants and cities requires design engineers and investors to apply non-standard solutions, which, have not only utility functions, but may also be used as elements of modern architecture of the surroundings.



Today, the common practice for transportation of utilities in overhead transmission networks is to use systems with an insulation layer encased in a jacket of galvanized sheet or stainless steel. However, they are not perfect. RADPOL PIPES has developed a unique solution which is a complete system of UV PROTECT COLOR preinsulated pipes. This is a response to challenges associated with the use of classic SPIRO jacket pipes and their aesthetics in urban space. UV PROTECT COLOR technology developed by RADPOL PIPES enables the production of a complete system of preinsulated pipes (fittings, valving, connection sleeves) resistant to UV radiation, atmospheric conditions and chemical substances, with the option to manufacture all elements in any color from the RAL color palette.



Functionality first

UV PROTECT COLOR pipes have a jacket made of UV resistant HDPE which has been modified and they are also resistant to mechanical damage, chemical agents, changes of ambient temperature and provide full tightness for a minimum 30-year service life.

RADPOL PIPES manufactures a complete system of UV PROTECT COLOR preinsulated pipes in a full range of diameters up to DN 630 mm. The elements of the UV PROTECT COLOR piping system with the jacket diameter up to DN 400 mm may also be ordered with RADPOL PIPES's innovative EVOH-based diffusion barrier (preinsulated pipes, fittings and radially cross-linked sleeves).

The UV PROTECT COLOR preinsulated pipe system is dedicated to the construction and modernization of all types of overhead pipelines that require full protection against changes of the transported utilities temperature.

The UV PROTECT COLOR is an excellent solution for municipal systems (district heating networks, steam and cooling networks) and industrial plants for the transportation of hydrocarbons, condensates, water, oils or other chemical utilities.



Reduced operating costs

The use of RADPOL PIPES's UV PROTECT COLOR technology has a great impact on reduction of the real operating costs of pipelines in a long-term perspective. This is because the preinsulated elements of the jacket are made of HDPE instead of classic galvanized sheet or stainless steel, which significantly extends failure-free service life. The preinsulated UV PROTECT COLOR pipes whose jacket is made of HDPE also have a lower thermal conductivity coefficient λ .



New approach to aesthetics

The UV PROTECT COLOR preinsulated pipe system also means unprecedented aesthetics and appearance of overhead systems. You can order preinsulated pipes, fittings, valving and heat-shrink radially cross-linked sleeves which in the color scheme of your choice will o UV PROTECT COLOR może stać się elementem malej architektury zarówno w mieście jak i w zakładzie przemysłowym.

perfectly match the surroundings and make them more friendly. With a wide range of RAL colors, the UV PROTECT COLOR overhead system can become a landscaping structure, both in the city and in the industrial plant.



What you will gain by using the UV PROTECT COLOR pipe system:



Full pipeline tightness for a minimum 30-year service life. Thanks to the HDPE jacket we eliminate the possibility of leaks which may occur in the case of spot-welded jacket made of galvanized sheet. Full tightness of connections between joints is provided by heat-shrink radially cross-linked sleeves.



Option to manufacture the pipeline in any color (according to RAL color palette, which can make it an interesting and visible urban element or hide (camouflage) it in the landscape).



Resistance of the pipeline to mechanical damage and dents.



One technology standard for each pipeline element, including seamless connection of a preinsulated overhead network with a preinsulated buried network.



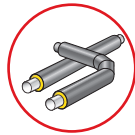
Corrosion resistance of the pipeline.



Resistance to corrosive substances.



Full UV resistance of the jacket for a minimum 30-year service life



RADPOL PIPES manufactures a complete system of UV PROTECT COLOR preinsulated pipes in a full range of diameters up to DN 630 mm.