

ProRox NCS 2000

Product description

ProRox NCS 2000 is a flexible spacer for non-contact insulation systems on pipes and vessels. ProRox NCS 2000 is made from a high temperature resistant polymer. Designed for use with ROCKWOOL ProRox insulation systems.

The spacers are fast and easily clicked on the pipe, the tension in the product will keep the spacer in place on both vertical and horizontal installations. One spacer size fits a range of pipe diameters. For larger pipe diameters and vessels a band is available. The spacer rings are fitted with protruding tabs that will dig into the ROCKWOOL ProRox Pipe Sections and ensure that the rings stay in place during service – including vertical pipes subjected to vibration.

Application

ProRox NCS 2000 is a flexible spacer for non-contact insulation systems used for Corrosion Under Insulation (CUI) mitigation. The product offers fast and easy installation, reduced risk for damage to heat tracing and coating system. No sharp edges reduce the risk of personnel accidents during installation. The principle of non contact insulation is to create an air gap between insulation and steel. If water enters the insulation system, the steel can dry out. Reduced time of wetness will reduce corrosion rates on unprotected steel and prolong the lifetime of the coating system.

They may be cut and divided into thinner rings to optimise insulation installation on bends.

Choice of pipe section size: When selecting the correct ProRox Pipe Section diameter, the inner pipe section diameter should be:

Minimum: Actual pipe outside diameter + 2 x Air gap height. Further reference is made to the ProRox NCS 2000 Installation instructions.

Product properties

	Performance											Norms	
Maximum Service Temperature	160 °C (320 °F) 219 °C (426 °F) (short term - e.g. in relation to steam-outs) Melting temperature: >350°C (662 °F)												
Reaction to fire	5VA Smoke toxicity and density: Class F1											UL 94 French rail (NF F 16-101)	
Spacer size	No.	18-25	28-38	42-57	60-80	83-114	121-163	169-222	230-324	BAND			
Suited for Pipe/Vessel outer diameter	mm	18-25	28-38	42-57	60-80	83-114	121-163	169-222	230-324	>324			
Air gap height	mm	15	16	16	18	18	18	18	16	15			
Nº of spacers needed per meter	4 (for cut sections and segments each must be supported by min. 1 spacers - max. distance between spacers 330 mm)												

Additional information

ProRox NCS 2000 is only offered and delivered as part of a system together with ROCKWOOL Technical Insulation ProRox Pipe Sections.

