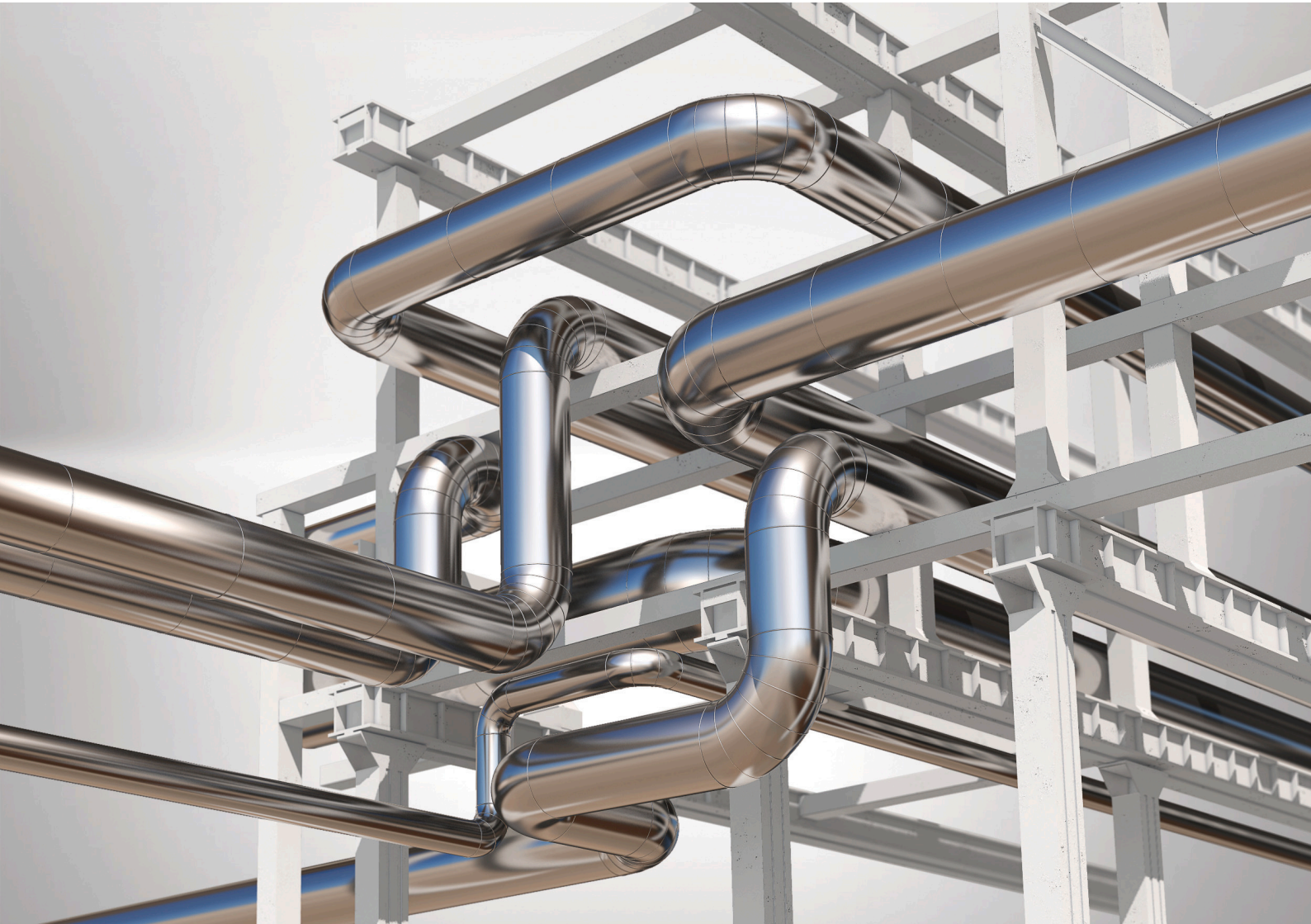


Okabel® PVDF

**STAINLESS STEEL ROLL JACKETING
WITH PVDF COATING**



- Excellent colour retention and stability
- Suitable for harsh environments
- Available in wide range of colours

- High performance reverse side backing coat

Technical Data - Okabell PVDF

Brief description	Stainless-Steel Roll Jacketing manufactured from AISI-304, AISI-304L, AISI-316 AND AISI-316L prime grade Austenitic stainless steel with regular 2B finish for flatness and reduced glare. Smooth surface, suitable for outside application.	
Colour	Standard white, grey or silver; other colours by arrangement. Fluoride coating process details are available on request.	
Applications	Jacketing for insulated pipes (incl. bends, fittings, flanges, etc.) to protect against mechanical stress in hostile environments such as refinery and Petro-Chemical applications.	
Assembly	Supplied in the annealed or soft condition for easy field fabrication.	
Remarks	<ul style="list-style-type: none"> • Excellent colour retention and stability • Available in a wide range of colours • Applications include Controlled Environmental Surface • Backside of coated substrate consists of primer + polyester coating. 	

Property	Value/Assessment	Special Remark
Temperature Range		
Temperature Range ¹	max. service temperature + 120 °C min. service temperature - 50 °C	
Thermal Conductivity		
Thermal Conductivity	Depending on insulation used. System thermal performance depends on properties and configuration of individual layers.	
Water vapour diffusion resistance		
Water vapour diffusion resistance	Virtually vapour-tight	
Fire performance		
Reaction to fire	Non-combustible	
Other technical features		
Dimensions and tolerances	Jacketing thickness: 0.25mm, 0.3mm, 0.4mm, 0.5mm, 0.6mm, 0.8mm, 1mm, 1.2mm Width and Description: Rolls and flat sheets - 24" through 48", 1/4 and 3/4" deep Corrugated sheets - 33", 4" x 1" Box Rib - 28", 38-1/2"	
Resistance to mechanical impact	Very good	
UV resistance	Excellent, particularly suitable for outdoor applications	
Tensile strength	75,000 / 100,000 PSI	
Yield	30,000 / 45,000 PSI	
Nominal coating thickness	25 ± 3 µm	
Specular gloss (60)	10 - 35 %	
Pencil hardness	HB	
Flexibility: Minimum Bend Radius	1.5 T	
Adhesion: After Bending	0T	
Corrosion Resistance: Salt spray Humidity	1000 hrs 1000 hrs	
Abrasion resistance (Taber)	30 mg Loss at 250 revs, 1000 g load and CS 10 wheels.	
Scratch resistance	3000 g	

1. For temperatures above +125 °C or below -50 °C please contact our Customer Service Center to request for the corresponding technical information.

All data and technical information are based on results achieved under typical application conditions. Recipients of this information should, in their own interest and responsibility, clarify with us in due time whether or not the data and information apply to the intended application area. Installation instructions are available. Armacell takes every precaution to ensure the accuracy of the data provided in this document and all statements, technical information and recommendations contained within are believed to be correct. However, Armacell cannot guarantee that the data are 100 % accurate. Furthermore, minor deviations in colour, quality and dimensions are unavoidable and in most cases do not influence the performance of the product. Armacell expressly disclaims any and all liability in relation to any results obtained or arising from any use of the product or reliance on such information. No warranty of fitness for any particular purpose, warranty of merchantability or any other warranty, expressed or implied, is made concerning the goods described or the information provided herein. All the statements and technical information within this document should be read in conjunction with the customer's own specification. It is the responsibility of the recipient to inform all involved parties about the content of these documents. The described and recommended methods should be strictly followed. If there is a requirement to deviate from our recommendations, please contact us in advance to discuss possible suitable alternatives. Armacell will not be liable for any claim resulting from a failure to observe our specification or any other agreed solutions and from non-observance of the customer's specification.

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