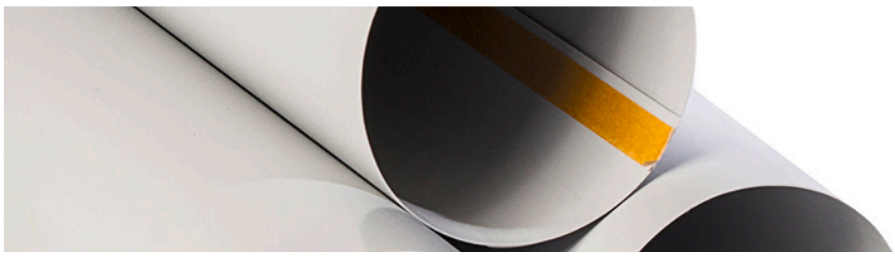
INSTALL IT. SAFEGUARD YOUR EQUIPMENT.

Okapak

Full range, impact resistant and easy to clean PVC coverings for professional solutions

// Long lifetime
// Extensive range with tailor-made bends, T-pieces and tape
// Up to eight combinations possible with one Okapak bend
// Manufactured without the use of silicone, unplasticized
// Impact resistant hard PVC foil



armacell®
ArmaClad™

INSTALL IT. SAFEGUARD YOUR EQUIPMENT.

ArmaClad Okapak

// Okapak 90° two-piece bends
Two piece bends with strengthening welded back for perfect fitting. Overview of different application areas, depending on pipe radius and type:

Okapak S bends: Bends for standard application S shaped seamless stell pipe according to EN 10253-1, type 3 (1,5d) with insulation ⩽ 100.

Okapak W bends: Bends for standard application W shaped angled tempered cast fittings according to EN 10242, A1, A4 with insulation ⩽ 50 mm.

Okapak D bends: Bends for application D shaped short tempered cast fittings according to EN 10242, D1, D4 with insulation ⩽ 50 mm.

Okapak SML: Bends for application of cast iron pipes with insulation ⩽ 40 mm.

// Okapak 90° one-piece bends
Overview of different application areas, depending on pipe radius and type:

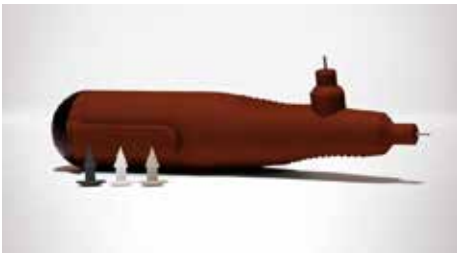
Okapak S bends: Bends for standard application S shaped seamless stell pipe according to EN 10253-1, type 3 (1,5d) with insulation ⩽ 100 mm.

Okapak W bends: Bends for standard application W shaped angled tempered cast fittings according to EN 10242, A1, A4 with insulation ⩽ 50 mm.

Okapak D bends: Bends for application D shaped short tempered cast fittings according to EN 10242, D1, D4 with insulation ⩽ 60 mm.

Okapak 5D bends: Bends for application 5D shaped long insulated tempered cast fittings according to DIN2605-1 with insulation ⩽ 50 mm.

// Okapak flexible T-pieces
Patented solution for cladding branch pipes. With our new Okapak T-pieces, you can cover 100 percent of all common applications with just eight items. A manageable range for more efficient storekeeping.



// Rivet Tool for PVC Claddings
Install PVC rivets straight or at an angle with one single tool. Even in tight spots. New stainless steel tips prevent the rivets from falling off. Grooved surfaces ensure a secure and firm hold. Fits perfectly in your hand.

OVERVIEW ONE-PIECE ELBOWS

Ø	20 mm	25 mm	30 mm	35 mm	40 mm	45 mm	50 mm	60 mm	80 mm	100 mm
15		Se	Se	Se	Se		Se			
17	Se We De Ge 5D	Se We 5D	Se De Ge We 5D	Se	Se Ge De We 5D		Se Ge De We 5D			
21	Se We De Ge 5D	Se We 5D	Se De Ge We 5D	Se	Se Ge De We 5D	Se	Se Ge De We 5D			
27	Se We De Ge 5D	Se We	Se De Ge We 5D	Se	Se Ge De We 5D	Se	Se Ge De We 5D			
33	Se De Ge We	Se We 5D	Se De Ge We 5D	Se	Se De Ge We 5D	Se	Se De Ge We 5D			
38	Se	Se	Se	Se	Se	Se	Se			
42	Se We De Ge 5D	Se We 5D	Se De Ge 5D	Se	Se De Ge We 5D	Se	Se De Ge We 5D	Se De		
44	Se We De Ge 5D	Se We 5D	Se De Ge 5D	Se	Se De Ge We 5D	Se	Se De Ge We 5D	Se De		
48	Se Ge De We 5D	Se We	Se Ge We 5D	Se	Se De Ge We 5D	Se	Se De Ge We 5D	Se De		
57	Se	Se	Se	Se	Se	Se	Se	Se		
60	Se We De Ge 5D	Se We	Se De Ge We	Se	Se De Ge We 5D	Se	Se De Ge We 5D	Se De		
64	Se	Se	Se	Se	Se	Se	Se	Se		
70	Se	Se	Se	Se	Se	Se	Se	Se	Se	
76	Se We	Se We	Se Ge We	Se	Se Ge We	Se	Se Ge	Se	Se	
83	Se	Se	Se	Se	Se	Se	Se	Se	Se	
89	Se We	Se We	Se We	Se	Se We	Se	Se	Se	Se	
102	Se	Se	Se	Se	Se	Se	Se	Se	Se	Se
108	Se	Se	Se	Se	Se	Se	Se	Se	Se	Se
114	Se We	Se	Se	Se	Se	Se	Se	Se	Se	Se
127		Se	Se	Se	Se	Se	Se	Se	Se	Se
133		Se	Se	Se	Se	Se	Se	Se	Se	Se
140		Se	Se		Se		Se	Se	Se	Se
159		Se	Se		Se					Se
168		Se	Se		Se					Se
194										
219										
267										

Se Se We De Ge 5D

OVERVIEW TWO-PIECE (WELDED) ELBOWS

Ø	20 mm	25 mm	30 mm	35 mm	40 mm	45 mm	50 mm	60 mm	80 mm	100 mm
15										
17										
21										
27										
33										
38										
42										
44										
48										
57										
60										
64										
70										
76										
83										
89										
102										
108										
114										
127										
133										
140										
159										
168										
194										
219										
267										

TECHNICAL DATA - OKAPAK

Brief description	Economic coating system according to DIN 4140. Sheeting calender method, extruding; straight vacuum forming. Manufactured without metals cadmium, lead, mercury, chrome and their compound, without use of silicone, unplasticised.
Material type	Shock resistant hard PVC foil with fire protection equipment. Surface: semigloss and smooth.
Product colour range	Light grey
Special features	No weakening of insulating thickness of bends.
Product range	Rolls, bends, fitting caps, valve caps, flange caps, front caps, cut-outs and complete accessories
Applications	Jacket for insulated pipes (including bends, branches, fittings, flanges, o.s.) for protection of damages of mechanical stress.

Property	Value / Assessment		Standard / Test method
Temperature range			
Service temperature[1]	Min. °C	Max. °C	
	-20	60	
Operating temperature			
Operating temperature	-20 °C up to +60 °C If the object is correctly insulated and no direct contact exists to the jacket, the medium temperature can essentially be higher or lower.		
Fire Performance and Approvals			
Reaction to fire	Okapak SE: low flammability (DIN 4102-B1) Okapak: moderately flammable (DIN 4102-B2)		DIN 4102
Resistance to water vapour			
Water vapour diffusion resistance factor	μ approx. 60,000		DIN 53122-1
Physical attributes			
Density	Okapak SE: 1,43 ± 0,02 g/cm³ Okapak: 1,39 ± 0,02 g/cm³		EN ISO 1183
Mechanical properties			
Tensile strength	> 35 N/mm²		EN ISO 527-3
Tensile impact strength	≥ 400 KJ/m²		EN ISO 8256
Health and environment			
Health aspects	Physiologically harmless, even when used in food processing plants. Odourless.		
Other technical features			
Chemical resistance	Aging resistance: good. Stability against usual building materials: very good. Against chemicals: see separate list.		
Storage	Can be stored in dry, clean rooms at normal relative humidity (50% to 70%) and ambient temperature (0 °C – 35°C).		

[1] If the object is correctly insulated and no direct contact exists to the jacket, the medium temperature can essentially be higher or lower.

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ABOUT ARMACELL

As the inventor of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With more than 3,300 employees and 25 production plants in 19 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for acoustic and lightweight applications, recycled PET products, next-generation aerogel technology and passive fire protection systems.

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