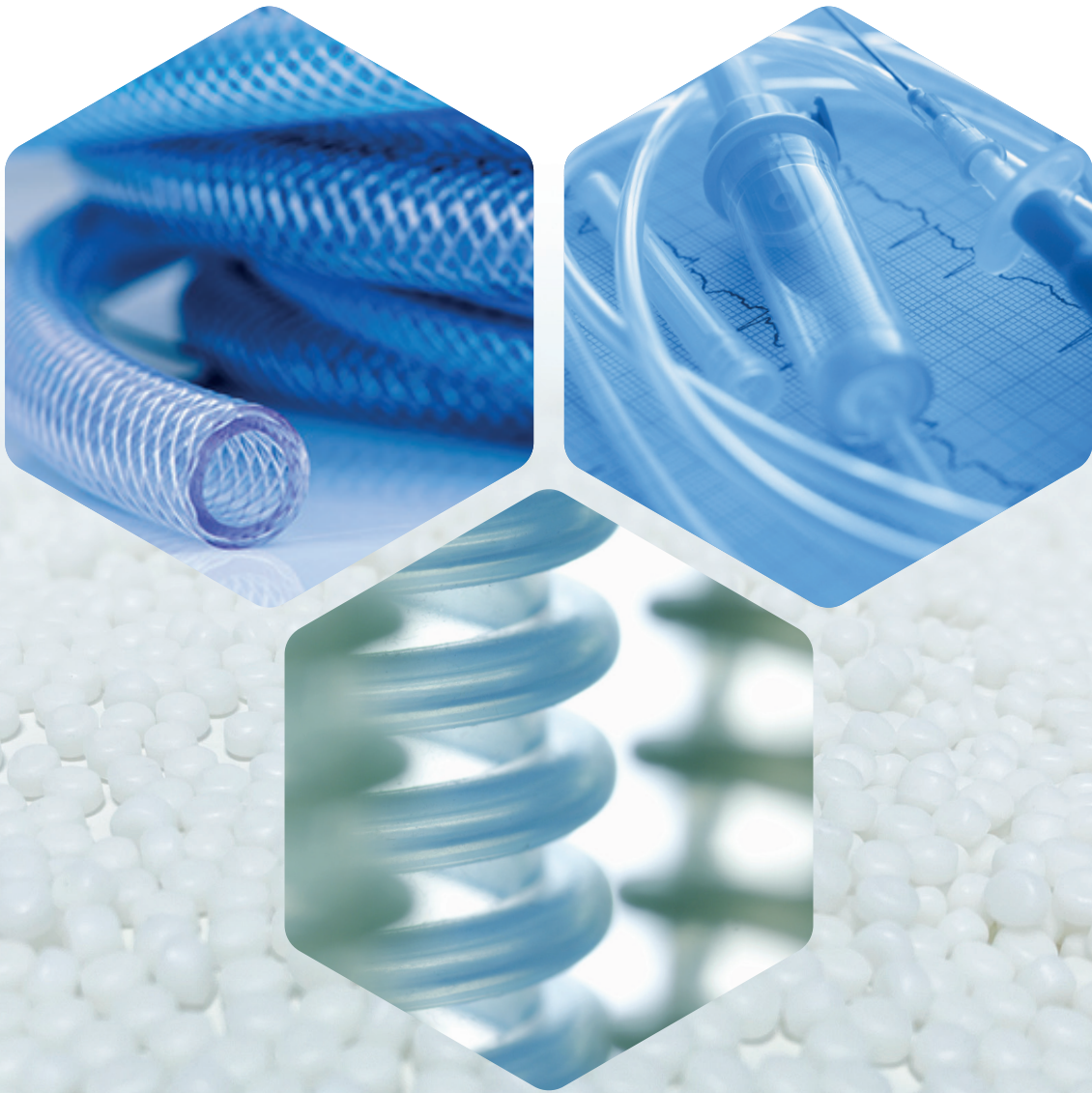




Compound
Customized to your needs.

Decelith® flexible PVC compounds



Decelith® flexible PVC compounds
Extrusion and injection moulding

Decelith® flexible PVC compounds

Our flexible PVC compounds offer a wide variety of properties excellent for extrusion, injection moulding and other processing technologies. Their versatility allows the use in all verticals - from construction to electrics over to healthcare and automotive.

In doing so the respective properties are influenced by the recipe components. Attributes such as weather resistance, mechanics, colour, gloss, and many others can be precisely adjusted based on the usage and requirements. A careful selection of resources and a certified production process are key to a consistently high quality.

Properties

- densities between 1.15 and 1.65 g/cm³
- special UV-coating
- Shore A 55 to 95
- filled or unfilled
- clear, transparent, natural, and coloured

Decelith®	Density (g/cm ³)	Shore A	Plasticizer	Use cases	Unique attributes
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Healthcare

72256	1,18	65	DEHT	Drainage tubing	high vacuum capacity
72500	1,18	65	Hexamoll® DINCH	Drainage tubing	high vacuum capacity
73073	1,19	68	TEHTM	Intravenous tubing	suitable for pump systems, low migration
71620	1,17	60	DEHT	Breathing hose	
85195	1,21	77	DEHT	Winged cannula	suitable for various injection moulding use cases
72392	1,15	55	TEHTM	Intravenous tubing	suitable for pump systems, low migration
75436	1,20	75	DEHT	Intravenous tubing	
80211	1,15	51	Hexamoll® DINCH	Hose adapter	suitable for various injection moulding use cases

Extrusion

74290	1,20	75	Hexamoll® DINCH	Breathing hose	
71075	1,19	54	DINP	Sheath for explosives	anti-static
74150	1,20	75	Hexamoll® DINCH	Potable water hose	
72135	1,19	70	DEHT	Breathing hose	
74647	1,21	78	DEHT	Hose, sheeting	EU 10/2011 certified
74179	1,20	73	Hexamoll® DINCH	Potable water hose	
74404	1,24	72	DEHT	PVC dance floor	
90026	1,12	53	Hexamoll® DINCH	Foam handles	foamed
68213	1,30	93	DINP	Wire coating	
67085	1,38	82	TEHTM	Heat shrink tubing	high migration resistant
77502	1,29	87	DINP	Hooded beach chairs	

Decelith®	Density (g/cm ³)	Shore rigidity	Plasticizer	Use cases	Unique attributes
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Injection moulding

85226	1,45	78	DEHT	Plugs	
85191	1,23	73	DINP	Pedal caps	
87369	1,38	87	DEHT	Lawn mower wheels	
87112	1,43	88	DEHT	Floor tiles	
82113	1,18	57	DEHT	Hot-water bottle	
84201	1,20	75	DINP	Traffic cones	

Use case examples of our compounds

Hoses

- Beer hoses
- Beverage hoses
- Milking hoses
- Washing machine hoses
- Spiral hoses
- Pneumatic hoses
- Industrial hoses
- Inner and outer hoses
- Insulating hoses
- Shower hoses
- Garden hoses
- Fire hoses

Medicine

- Low-migration pump hoses
- Blood transfusion hoses
- Dialysis hoses
- Secretion hoses
- Respiratory hoses
- Medical plugs
- Catheter plugs
- Hospital bed bumpers

Automotive

- Various caravan profiles
- Truck profiles
- Decorative profiles
- Door profiles
- Pedal caps

Furniture

- Edge banding
- Guide rails
- Dust seals
- Door profiles
- Slatted frame holders

Electric

- Plugs
- Plug couplings

Household and plumbing

- Refrigerator seals
- Sink liners
- Shower enclosure seals

Leisure

- Handle covers
- Plastic braids for hooded beach chairs
- Cords
- Laundry lines
- Wheels
- Toy wheels
- Lawn mower wheels
- Handles
- Pedals
- Toys
- Protective goggles
- Hot-water bottles

Packaging

- Crown cap seals
- Bottle seals

Miscellaneous

- Awning piping
- Tarpaulin cord
- Ignition switch cover
- Traffic cones



In addition to the list of products above our experienced development team can tailor special properties to your exact requirements, such as flame protection, weather resistance, mechanical properties, or even individual colour schemes.

Contact us - we will be happy to advise you.
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Innovative and Competent

With passion for technical perfection and a sure feeling for market requirements and developments, the Polyplast Müller Group is the masterbatch and compound specialist for the entire polymer-processing industry.

Today the Polyplast Müller Group achieves a turnover of EUR 450 million with 700 employees and has great market experience and large production capacities at altogether five locations in Germany and North America.

Domestic appliances, products for the automotive industry, various profiles or even toys; As a specialist in the compound business we own the know-how and can convince with our internationally established high-quality products.

Further products and informations are available on request or visit our website!



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Innovative and Competent – Your right partner for compounding. At its facility in the richly traditional town of Eilenburg, Germany, PCW GmbH focuses on the development and production of tailor-made compounds.

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