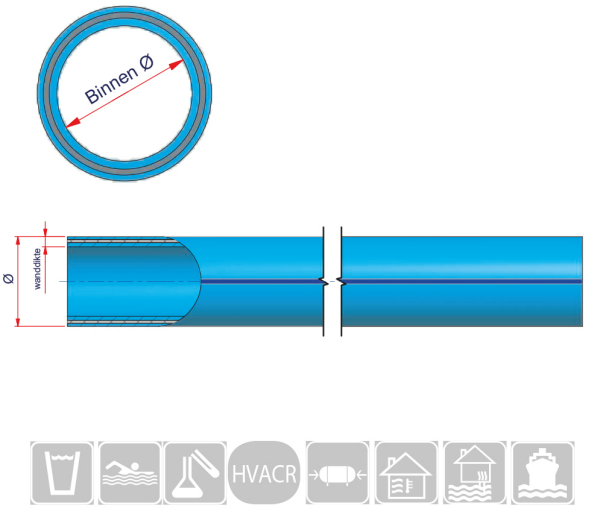
DESCHACHT
build | project | partner
www.deschacht.eu

Technical datasheet

Glass fibre reinforced multilayer PP-R pipe blue SDR17



Description

In order to limit the thermal expansion of plastic materials at both high and low temperatures, a glass fleece reinforcement must be applied for air-conditioning applications involving hot and cold water. The structure of the PP-R pipe consists of 25% PP-R – 50% glass fleece – 25% PP-R. In this way, the thermal expansion coefficient α of the plastic pipe is reduced to 0.035 mm/mK, instead of 0.15 mm/mK for a standard PP-R pipe.

- Compliant with: UNI EN ISO 15874 – DIN 8077 – DIN 8078 – CSA B 137.11 – ASTM F 2389 – UNI EN ISO 15494 – ISO 4065

Characteristics

Characteristic	Value	Characteristic	Value
Raw material	Glasvezel / PPR	Colour	Blue

Deschacht Plastics Belgium nv
Antwerpsesteenweg 1068, B-9041 Gent-Oostakker
T +32 (0)9 355 74 54 | info@deschacht.eu | www.deschacht.eu

Our locations

Glass fibre reinforced multilayer PP-R pipe blue SDR17

Variants

Article code	Commercial Code	Diameter Ø (mm)	Inner diameter Ø (mm)	Length (m)	Wall thickness (mm)	SDR value
29261	NIRBUCL17160	160	141	4	9,50	SDR17
29262	NIRBUCL17200	200	176,20	4	11,90	SDR17
29263	NIRBUCL17250	250	220,40	4	14,80	SDR17
29264	NIRBUCL17315	315	277,60	4	18,70	SDR17
29265	NIRBUCL17355	355	312,80	4	21,10	SDR17
29266	NIRBUCL17400	400	352,60	4	23,70	SDR17

Variants

Article code	Weight (kg/m)	Litre (l/m)
29261	4,65	15,61
29262	6,90	24,37
29263	10,68	38,13
29264	16,91	60,49
29265	21,39	76,81
29266	27,03	97,60