

A close-up photograph of several large truck tires with blue hubcaps, positioned on a dark, textured drainage grate. The scene is set against a background of blue and white diagonal stripes.

polycon
surface water drainage

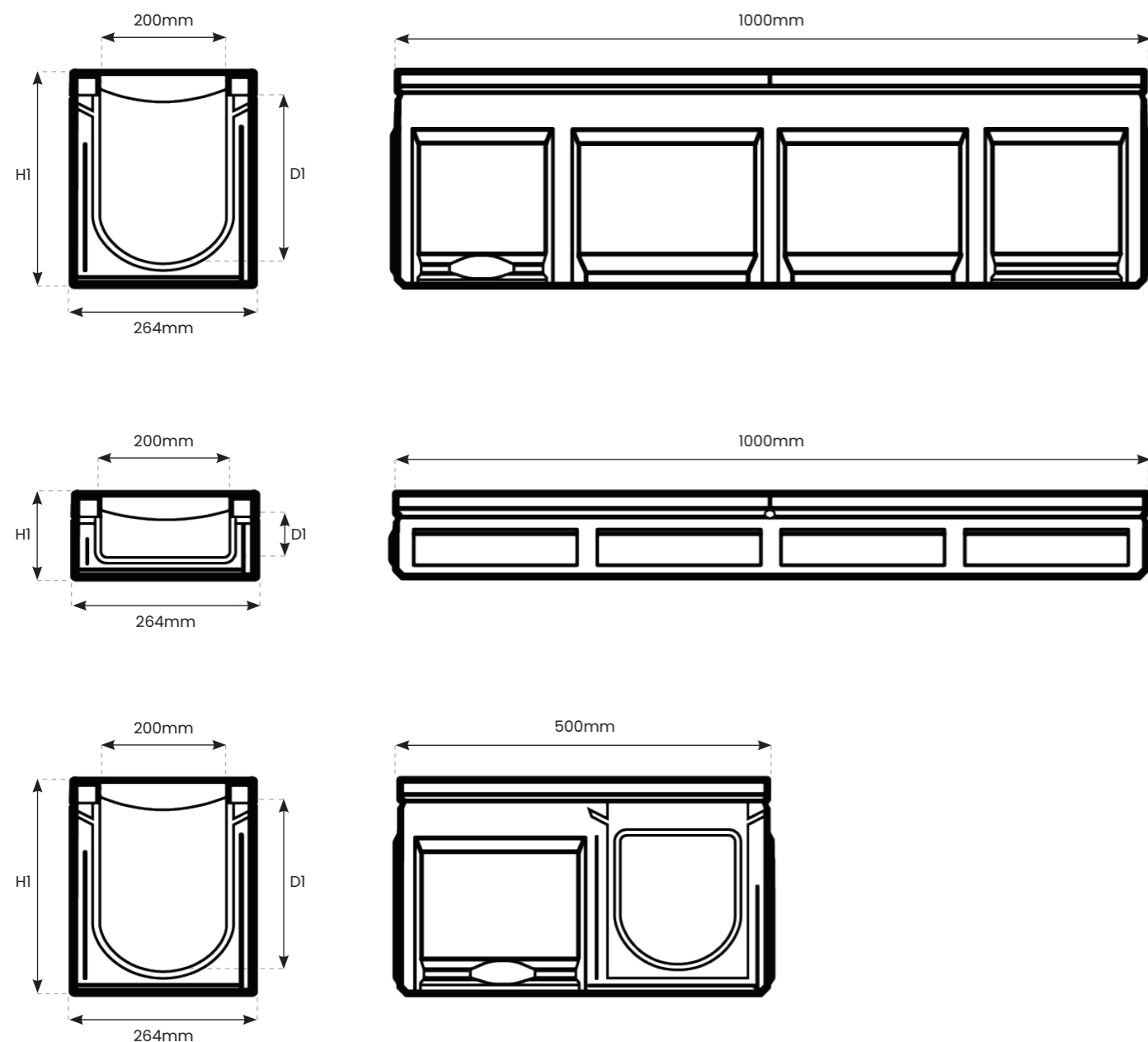
SF 200

DATASHEET

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SF 200

Polycon's SF 200 drainage channels offer a comprehensive solution for effective water management. With their Unilink Joint System, heavy-duty design, polymer concrete construction, ductile iron edge, and rapid lock fastening, they provide a durable, versatile, and efficient solution for draining water and managing surface runoff in demanding environments. These channels are ideal for areas where strength, longevity, and ease of installation are paramount.



DATA SHEET

Channel Types

Polymer concrete:	Polyester resin-based with mineral aggregates, additives.
Compressive strength:	> 90 N/mm ²
Bending tensile strength:	> 22 N/mm ²
Modulus of elasticity:	ca. 25 kN/mm ²
Density:	2.1 - 2.3 g/cm ³
Water penetration depth:	0 mm
Heat resistance:	100°C
Frost resistance:	-50°C
Water absorption:	0.05 %

Channel Types

Reference	Description	Slope	Length	Overall Width	Internal Width	Overall Depth(HI)	Internal Depth(DI)	Weight
SF.200.0	SF - 200 Channel No. 0*	0%	1000mm	264mm	200mm	290mm	270mm	48.2kg
SF.200.0R	SF - 200 Channel No. 0R***	0%	1000mm	264mm	200mm	290mm	270mm	48.2kg
SF.200.005	SF - 200 Channel No. 005**/*	0%	500mm	264mm	200mm	290mm	270mm	25.6kg
SF.200.1	SF - 200 Channel No. 1*	0.5%	1000mm	264mm	200mm	295mm	275mm	48.2kg
SF.200.2	SF - 200 Channel No. 2*	0.5%	1000mm	264mm	200mm	300mm	280mm	48.8kg
SF.200.3	SF - 200 Channel No. 3*	0.5%	1000mm	264mm	200mm	305mm	285mm	49.4kg
SF.200.4	SF - 200 Channel No. 4*	0.5%	1000mm	264mm	200mm	310mm	290mm	50kg
SF.200.5	SF - 200 Channel No. 5*	0.5%	1000mm	264mm	200mm	315mm	295mm	50.6kg
SF.200.6	SF - 200 Channel No. 6*	0.5%	1000mm	264mm	200mm	320mm	300mm	51.2kg
SF.200.7	SF - 200 Channel No. 7*	0.5%	1000mm	264mm	200mm	325mm	305mm	51.8kg
SF.200.8	SF - 200 Channel No. 8*	0.5%	1000mm	264mm	200mm	330mm	310mm	52.4kg
SF.200.9	SF - 200 Channel No. 9*	0.5%	1000mm	264mm	200mm	335mm	315mm	53kg
SF.200.10	SF - 200 Channel No. 10*	0.5%	1000mm	264mm	200mm	340mm	320mm	53.6kg
SF.200.010	SF - 200 Channel No. 010*	0%	1000mm	264mm	200mm	340mm	320mm	54kg
SF.200.010R	SF - 200 Channel No. 010R***	0%	1000mm	264mm	200mm	340mm	320mm	54kg
SF.200.0105	SF - 200 Channel No. 0105**/*	0%	500mm	264mm	200mm	340mm	320mm	29.6kg
SF.200.130P	SF - 200 Channel No. 200-P****	0%	1000mm	264mm	200mm	130mm	110mm	30.4kg
SF.200.130PR	SF - 200 Channel No. 200-PR*****	0%	1000mm	264mm	200mm	130mm	110mm	30.4kg

* Channel with mouldings for vertical outlet DA/OD 160
 ** Channel with sidewise perforations for the connection of t-junctions, elbow joints and cross-over joints
 *** Channel with DA/OD 160 poured pipe socket
 **** Channel with mouldings for vertical outlet DA/OD 110
 ***** Channel with DA/OD 110 poured pipe socket



Accessories- Specifications

Reference	Description	Length	Height (H)	Overall Width	Weight (KG)	Outlet
SF.200.SU	SF 200 Sump Unit	500mm	700mm	264mm	61.1kg	160mm
SF.200.EC	SF 200 End Cap No. 0 - 20	20mm	130-340mm	264mm	2.8kg	-
SF.200.ECO	SF 200 End Cap Outlet No. 0 - 20	30mm	340mm	264mm	3.9kg	160mm
SF.200.PS.160	SF 200 Pipe Socket 160mm	160mm	-	160mm	0.4kg	-
SF.200.PS.200	SF 200 Pipe Socket 200mm	200mm	-	200mm	0.8kg	-



Ductile Iron Oval Grating (F900)

Grating Properties

Type:	OvalGrip slotted cast iron grating
Material:	EN-GJS cast iron
Length:	500mm
Inlet cross-section:	490 cm ² /m, 680cm ² /m, 916cm ² /m, 1196 cm ² /m
Fastening:	GJS Cast edge rail





Polycon Surface Water Drainage

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