

6174 6939	DATA SHEET	
Valid from: 27.11.2019	SILVYN® RILL PA 6	

The parallel corrugated conduit SILVYN® RILL PA 6 is suitable for various uses due to its characteristics. Is qualified for protective insulation for electrical installation in acc. to instruction for use EN 60204 at engineering and plant construction.



Material:

Polyamide 6

Technical features:

Profile

Parallel corrugated

Nominal size

NW 10 up to NW 54

Protection class

IP67 acc. to EN 60529

Temperature range

Depending on the used conduit gland

-40°C up to +115°C

Additional features:

Compressive strength

Class 2 (320N) acc. to EN 61386

Impact strength

Class 3 (4J) acc. to EN 61386

Bending resistance

Flexible

Tensile strength

Class 1 (100N) acc. to EN 61386

Suspended load capacity

Class 2 (30N) acc. to EN 61386

Fire classification

V0 acc. to UL94

Fire hazardous level

HL3 acc. to EN 45545-2

Oxygen index

>34% acc. to EN ISO 4589-2

Free of silicone, cadmium and halogen

UV-Resistant

SILVYN® RILL PA6 black

Color:

Black

Grey

Approbation:



File Nr. E308201

Reference standards:



EN 61386-1

Suitable glands:

SILVYN® KCLICK

SILVYN® KSE

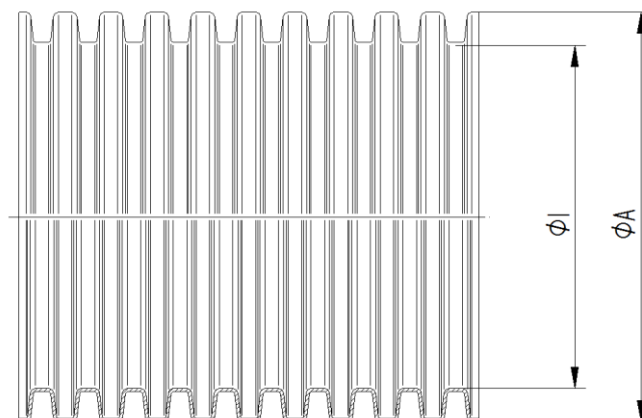
SILVYN® K-EM

For more information please see our current catalogue. Please do not hesitate to contact our laboratory if there are any questions regarding resistance against aggressive agents and special oil.

Creator: MAU1/PDP Released: DAMU1/PDP	Document: DB61746939EN Version: 12	Page 1 of 2
--	---------------------------------------	-------------

6174 6939	DATA SHEET	
Valid from: 27.11.2019	SILVYN® RILL PA 6	

Product drawing:



Dimension table:

Part No.	NW	Diameter mm		Max. Bending radius mm		Weight g
		Inner	Outer	static	dynamic	
SILVYN® RILL PA6 black						
6174 6935	10	6,5	10,0	13	35	0,018
6174 6945	13	10,0	13,0	20	45	0,025
6174 6955	16	12,0	15,8	35	55	0,037
6174 7015	18	14,3	18,5	40	65	0,050
6174 6965	21	16,5	21,2	45	75	0,056
6174 6975	28	23,0	28,5	55	100	0,090
6174 6985	34	29,0	34,5	65	120	0,126
6174 6995	42	36,0	42,5	90	150	0,187
6174 7005	54	48,0	54,5	100	190	0,225
SILVYN® RILL PA6 grey						
6174 6939	10	6,5	10,0	13	35	0,018
6174 6940	13	10,0	13,0	20	45	0,025
6174 6950	16	12,0	15,8	35	55	0,037
6174 7010	18	14,3	18,5	40	65	0,050
6174 6960	21	16,5	21,2	45	75	0,056
6174 6970	28	23,0	28,5	55	100	0,090
6174 6980	34	29,0	34,5	65	120	0,126
6174 6990	42	36,0	42,5	90	150	0,187
6174 7000	54	48,0	54,5	100	190	0,225

Creator: MAU1/PDP Released: DAMU1/PDP	Document: DB61746939EN Version: 12	Page 2 of 2
--	---------------------------------------	-------------