



RAMSAUER®
DICHTSTOFFE

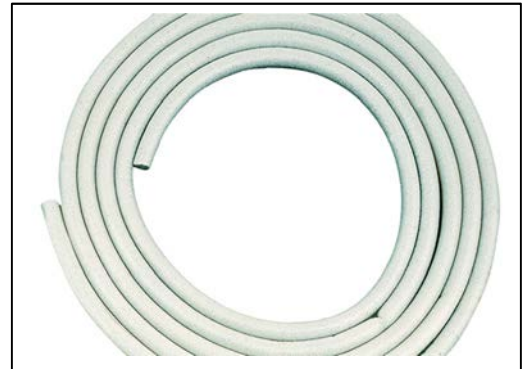
1050 RUNDPROFILE

GESCHLOSSENZELLIG

(Closed-cell round profiles)

TECHNICAL DATA

Basis: expanded polyethylene
Standard colour: grey
Water absorption: irrelevant / after 4 weeks immersion in water
Temperature resistance: -40°C to +70°C
Building material class: B2 according to DIN 4102; class E according to DIN EN 13501-1
Chemical resistance: resistant to common acids (with the exception of concentrated nitric acid)
Alkalis: resistant
Solvents: resistant
Lubricating oils: resistant
Detergents: resistant
Elastic recovery after deformation: very good
Dimensional accuracy: very good
Thermal conductivity: 0.033 W/mK (DIN 52612-69)



CHARACTERISTICS

Round profiles 1050 Rundprofil by Ramsauer consist of polyethylene foam with reliably closed cell structure. Thanks to the excellent characteristics of expanded polyethylene, such as high elasticity, adaptability, and convenient workability with respect to shaping and the outer skin, round profiles by Ramsauer are the ideal backfilling material for waterproofing of buildings. This closed cell material does not absorb water

when applied properly. Consequently Ramsauer 1050 Rundprofil meets the engineering requirements on pre-filling materials for sealing joints according to Points 2 and 3 of DIN 18540, as well as the requirements of the certifying body "RAL Gütegemeinschaft" on joint backfilling materials for sealing connection joints of windows and external doors with joint sealants.

APPLICATION

Expansion joints in building construction must be designed according to DIN 18540. Ramsauer 1050 Rundprofil of closed cell polyethylene meets the requirements of this DIN standard. As a pre-filler the product must prevent three-point adhesion, must not affect the

sealant and must not absorb any water. When introducing the profiles into the joints make sure that the profile is compressed by about 25 % and that its surface is not damaged by pressing with any sharp object.

RANGE OF APPLICATIONS

This product is used as a pre-filler for sealing joints including expansion joints; in the manufacture and installation of windows and doors, in external joints of facades, in indoor

joints of kitchens and bathrooms, joints of parquetry and other flooring, in sealing joints of buildings, retaining dams, and generally any water storage facility.

HAZARD ADVICE

The product is not a hazardous substance within the meaning of the German Hazardous Substances Ordinance ("Gefahrstoffverordnung"). For further information refer to the Safety Data Sheet.

SAFETY ADVICE, INSTRUCTIONS FOR DISPOSAL

Consult the current EC Safety Data Sheet which is available at any time on our website at www.ramsauer.at.



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DIMENSIONS .

Diameter in mm	Bulk density in kg/m ³	Tensile strength in kPa	Compressive strength - transversal in kg/cm at a deformation of		
			10 %	25 %	50 %
6 ± 1	30 ± 5	250	0.05	0.15	0.51
8 ± 1	30 ± 5	250	0.04	0.16	0.57
10 ± 1	25 ± 5	250	0.07	0.21	0.76
13 ± 1	25 ± 5	250	0.18	0.45	1.18
15 ± 1	25 ± 5	250	0.20	0.49	1.28
20 ± 1	25 ± 5	200	0.21	0.53	1.51
25 ± 1	25 ± 5	200	0.35	0.84	2.15
30 ± 1.5	25 ± 5	200	0.51	1.21	3.00
40 ± 2	30 ± 5	300	0.58	1.27	3.11
50 ± 2	30 ± 5	300	0.78	1.63	3.84

LIABILITY FOR DEFECTS

The information provided including but not limited to the proposals for processing and using our products is based on our knowledge and experience, usually at the time of going into print. The results of work may deviate from this information depending on the specific circumstances, in particular with respect to substrates, processing and environmental conditions. Therefore, neither this information nor any oral counselling shall constitute warranty or give rise to any liability on whatever legal ground for any specific result of work, unless we acted intentionally or by gross negligence.

Ramsauer warrants that its products will have the technical characteristics according to the Technical Data Sheets up to their expiry date.

Product users must consult the latest data sheet which is available upon request. Our current General Terms and Conditions apply which are available for download on our website www.ramsauer.at.



QUALITY YOU CAN RELY ON

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