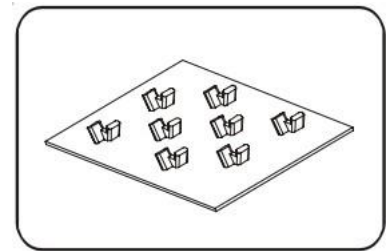


- **Concrete Protective Liner**
 - Stud type: 13mm Ultra Grip®
 - Wall thickness: 3.0mm
 - Extruded
- **Hot gas extrusion welding**
- **HDPE black**
- **Code: 27.562.4020.30**



Property	Standard	Unit	Product
Thickness	ISO 14 632	mm	± (0.08mm + 0.03 x s mm)
Specific density at 23 °C	ISO 1183	g/cm ³	0.94
Melt flow rate MFR 190/5	ISO 1133	g/10min	1.8
Tensile stress at yield	ISO 527	MPa	≥15
Elongation at yield	ISO 527	%	≥8
Pull out resistance at 23 °C Tensile test 100 N/sec	DIN ISO 4246	N/stud kN/m ²	1000 420
Stud shear resistance at 23 °C Tensile test 5 mm/min	DIBt-test methode	N	> 2000
Backpressure resistance at 23 °C	DIBt-test methode	1,5 bar/ 1000h	fulfilled
Max. Working temperature	-	°C	60*
Linear coefficient of thermal expansion	DIN 53752	K ⁻¹ x 10 ⁻⁴	1.8**
Flammability	UL 94 DIN 4102	-	94-HB B2
Physiologically non-toxic	2011/10/EU	-	yes
UV stabilized	-	-	yes (carbon black)
Colour	-	-	black

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* ... Depending on media/ consultation with AGRU
 ** ... guide value

The data in this table are approximate values and based upon results of the internal inspection, data of raw material suppliers as well as tests in the course of approval procedures and external inspections. The results can differ slightly from the indicated mean values in longitudinal and transverse direction and due to different nominal thicknesses and raw materials. In any case requirements relating to a special project (tender documents) have to be agreed with AGRU. Independent of the indicated test standards, internal tests and data on test certificates are generally carried out in accordance with the appropriate test procedures according to OENORM (Austrian Standard) resp. DIN (German Standard) or EN ISO. AGRU assumes no liability in connection with the use of this data. The specifications on these sheets are subject to change without notice.