



CELLO® 461/O CB-01



Flammhemmend
Flame retardant



Schallabsorbierend
Sound-absorbing



Thermisch isolierend
Thermal insulating



Raumgewicht PUR-Schaum
Density PUR foam: 23 kg/m³



Temperaturbeständig
Temperature resistant: -40 / +100°C



Material Beschreibung <i>Material description</i>		Schallabsorbierender PUR-Akustikschaumstoff, versiegelt mit einer schwarzen Folie. Optimal geeignet für Anwendungen, bei denen ein Schutz des Absorbers gegen Flüssigkeitsaufnahme notwendig ist. <i>Noise-absorbing PUR foam, surface sealed with a black film. Highly suitable for all uses where the absorber has to be protected against the penetration of liquid.</i>
Brandverhalten <i>Flammability</i>	FMVSS 302, DIN 75200	erfüllt / fulfilled
	ISO 3795	Brenngeschwindigkeit < 100 mm/min / <i>burning rate < 100 mm/min</i>
	ECE R-118	Anhang 6, 7, 8 erfüllt / <i>annexes 6, 7, 8 fulfilled</i> (sk, 10 mm)
Wärmeleitfähigkeit <i>Thermal conductivity</i>	EN 12667 10°C	≤ 0,040 W/(m·K) (PUR-Schaum / <i>PUR foam</i>)
Dicken Thickness	mm	10, 20, 30, 40, 50
Vorteile <i>Benefits</i>		<ul style="list-style-type: none"> ► Maßgenaue Fertigteile nach Ihrer Vorgabe / Zeichnung ► Unsere Produkte sind nicht selbstklebend (nk) oder selbstklebend (sk) erhältlich ► <i>Ready-to-use parts according to your specifications or drawing</i> ► <i>Our products are available as non-adhesive (nk) or self-adhesive (sk)</i>
Optionen <i>Options</i>		<ul style="list-style-type: none"> ► 461/O CB-01 → Oberseite und Kanten versiegelt / <i>upper face and edges sealed</i> ► 461/O CB-01/2 → Alle Seiten versiegelt / <i>all surfaces sealed</i>
Schallabsorption <i>Impedanzrohr</i> <i>Acoustic measurement</i> <i>Impedance tube</i>	DIN 10 534-2	<p>The graph illustrates the sound absorption performance of Cellofoam across a wide frequency spectrum. The Y-axis represents 'ABSORPTION IN %' from 0 to 100, and the X-axis represents 'FREQUENCY/HZ' on a logarithmic scale from 100 to 6300. Five curves are shown for different thicknesses: 10 mm (grey), 20 mm (black), 30 mm (blue), 40 mm (red), and 50 mm (green). All curves show a general trend of increasing absorption with frequency, with distinct peaks and troughs. The 10 mm curve shows the highest overall absorption, while the 50 mm curve shows the lowest. The 20, 30, 40, and 50 mm curves all exhibit a prominent peak between 400 and 1000 Hz, with the 50 mm curve reaching the highest peak of approximately 80% at 400 Hz. The 10 mm curve also has a significant peak around 1000 Hz. The 20 mm curve shows a sharp rise starting at 250 Hz, reaching about 80% at 400 Hz. The 30 mm curve peaks around 400 Hz at about 65%. The 40 mm curve peaks around 400 Hz at about 80%. The 50 mm curve peaks around 400 Hz at about 75%.</p> <div style="border: 1px solid blue; padding: 10px; width: fit-content; margin-left: 20px;"> <p>Breitbandige Absorption. <i>Broad absorption bandwidth.</i></p> </div>

BEACHTEN SIE UNSERE VERARBEITUNGS-/ LAGERUNGSHINWEISE | SEE OUR PROCESSING AND STORAGE INSTRUCTIONS

ISO 9001

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