



CELLO® 491 • CELLO® 492

Cello® 491: Noise-absorbing PUR-ether foam laminated with an air-permeable PUR film that has been optimized for acoustic effectiveness. Ether foams are suitable for applications involving relatively high humidity levels.

Cello® 492: Same as 491 but laminated with an impervious black PUR film.

Applications: Construction and farm machinery, buses/utility vehicles, household appliances, heating/ventilation/AC systems, cabins/casings/hoods, machine construction, medical technology, motorboats/yachts



TECHNICAL DATA

FLAMMABILITY	<ul style="list-style-type: none"> ▶ FMVSS 302, DIN 75 200, fulfilled ▶ ISO 3795, burning rate < 100 mm/min ▶ ECE R-118, annexes 6, 7 and 8 fulfilled (13 mm) (Cello® 491) ▶ DIN EN ISO 9094: oxygen index (OI) of at least 21% fulfilled (≥ 10 mm) (Cello® 491 NK)
TEMPERATURE RESISTANCE	-40°C to +100°C
THERMAL CONDUCTIVITY / EN 12667	≤ 0.040 W/(m·K) at 10°C
DENSITY PUR-FOAM / DIN EN ISO 845	23 kg/m ³

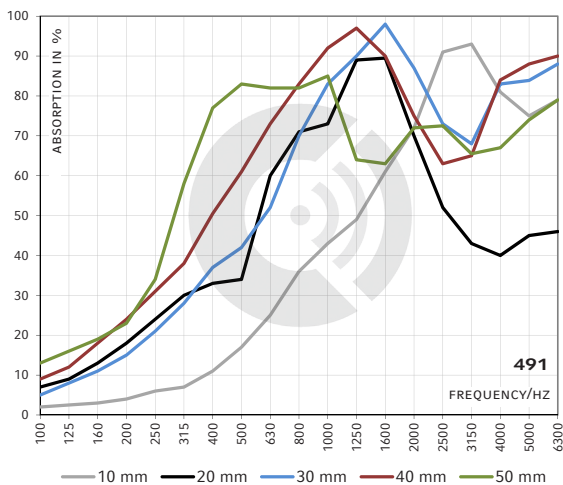
DIMENSIONS

PRODUCT	THICKNESS [mm]	THICKNESS TOLERANCE [mm]	SHEETS* [mm]	ROLLS*
491	10, 20, 30, 40, 50	± 1	1050 x 1500 or 2100 x 1500	Length: max. 60 m (depending on thickness) Width: 1500 mm
492				

Other thicknesses / dimensions on request. Ready-to-use parts according to your specifications or drawing.

*Untrimmed: Effective dimensions guaranteed as ordered, may be exceeded by some layers (foam, film, non-woven etc.).

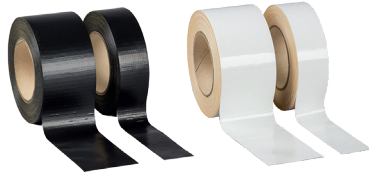
IMPEDANCE TUBE / DIN 10 534-2



MORE INFORMATION

- BENEFITS**
- ▶ Oil-, water- and fuel-repellent surface
 - ▶ Surface can be wiped clean
 - ▶ Good sound absorption values
 - ▶ Effortless to cut with a cardboard cutter
 - ▶ Suitable for use in relatively humid conditions

ADVICE If you need to seal cut edges or cover joints and seams, we recommend our adhesive tapes Cello® PUR-01 or Cello® PUR-03



OPTIONS (FURTHER OPTIONS ON REQUEST)

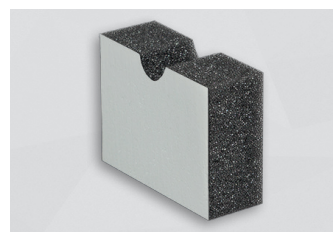
491 NK	no self-adhesive equipment	
491 SK	with self-adhesive finish	
491 SBF	with Cello® SBF heavy layer on the rear face, hence noise attenuation and noise insulation in a single product. Thicknesses and dimensions on request.	<p>FLAMMABILITY</p> <ul style="list-style-type: none"> ▶ FMVSS 302, DIN 75 200, fulfilled ▶ ISO 3795, burning rate < 100 mm/min
491 EVA	with Cello® EVA heavy layer on the rear face, hence noise attenuation and noise insulation in a single product. Thicknesses and dimensions on request.	<p>FLAMMABILITY</p> <ul style="list-style-type: none"> ▶ FMVSS 302, DIN 75 200, fulfilled ▶ ISO 3795, burning rate < 100 mm/min ▶ DIN EN ISO 9094: oxygen index (OI) of at least 21% fulfilled (≥ 10 mm) (NK)
491 CS-01	trimmed edges spray-coated for protection against the ingress of dirt and humidity. Option available only for cut-to-measure parts.	<p>FLAMMABILITY</p> <ul style="list-style-type: none"> ▶ FMVSS 302, DIN 75 200, fulfilled ▶ ISO 3795, burning rate < 100 mm/min
492-03	acoustically effective PUR-ether foam laminated with an impermeable white PUR film for applications in the food industry or similar. The raw materials used for the production of the film are FDA-approved: 175.105, 177.1680, 177.1210, 177.2600	<p>FLAMMABILITY</p> <ul style="list-style-type: none"> ▶ FMVSS 302, DIN 75 200, fulfilled ▶ ISO 3795, burning rate < 100 mm/min



491 SBF / 491 EVA



491 CS-01



492-03