CELLOFOAM

PUR FOAM

CELLO® 491 | CELLO® 492

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

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

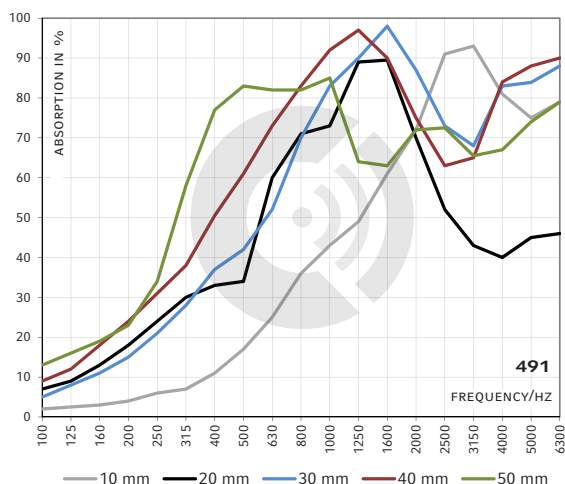|	
FLAMMABILITY	▶ FMVSS 302, DIN 75 200: fulfilled
	▶ ISO 3795: burning rate < 100 mm/min
	▶ ECE R-118: annexes 6, 7 and 8 fulfilled (491 SK, ≥ 13 mm)
	▶ DIN EN ISO 9094: oxygen index (OI) of at least 21% fulfilled (491 SK, ≥ 10 mm)
TEMPERATURE RESISTANCE	-40°C to +100°C
THERMAL CONDUCTIVITY	EN 12667: ≤ 0.040 W/(m·K) at 10°C
DENSITY PUR-FOAM	DIN EN ISO 845: 24 kg/m³

DIMENSIONS

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

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.).
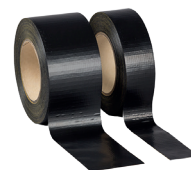
IMPEDANCE TUBE / DIN 10 534-2

491
FREQUENCY/HZ

— 10 mm — 20 mm — 30 mm — 40 mm — 50 mm

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 tape Cello® PUR-01

SEE OUR PROCESSING AND STORAGE INSTRUCTIONS

ISO 9001 CERTIFIED

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![CELLOFOAM]

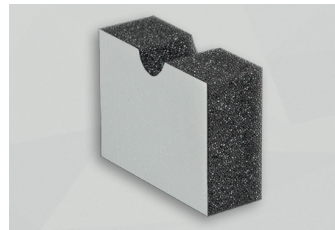| OPTIONS	(FURTHER OPTIONS ON REQUEST)	
491 NK	no self-adhesive equipment	
491 SK	with self-adhesive finish	
491 SBF	with Cello® SBF heavy layer on the rear face, hence noise attenuation and noise insulation in a single product. Thicknesses and dimensions on request.	**FLAMMABILITY** ▶ FMVSS 302, DIN 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. Suitable for applications in motorboats/yachts.	**FLAMMABILITY** ▶ 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 (491 EVA 3-01 SK, ≥ 10 mm)
491 CS-01	trimmed edges spray-coated for protection against the ingress of dirt and humidity. Option available only for cut-to-measure parts.	**FLAMMABILITY** ▶ FMVSS 302, DIN 75 200: fulfilled ▶ ISO 3795: burning rate < 100 mm/min
492-03	acoustically effective PUR foam laminated with an impermeable white film. DIN EN ISO 846: Method A: 1b, 1b, 1c Method C: 0 (no growth visible when viewed under the microscope)	**FLAMMABILITY** ▶ FMVSS 302, DIN 75 200: fulfilled ▶ ISO 3795: burning rate < 100 mm/min

491 SBF / 491 EVA

491 CS-01

492-03