

EFFBE

Safety and precision

Autogas Diaphragms

(LPG and CNG)

Effbe®

The signature of quality !

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Autogas Diaphragms

Effbe : diaphragm specialist

For more than 60 years EFFBE has begun with the manufacturing of rubber diaphragms. Since then the company has been developing as leading supplier and solution finder of individual requirements for all range of diaphragms : punched, moulded, with or without texture and thermoformed.

Autogas diaphragms



- Among the **world leaders** in the activity of diaphragms for autogas
- **International sales presence**
- EFFBE produces punched diaphragms as well as Reciflex® and Lay-up diaphragms and can offer you the most suitable diaphragm for its use
- EFFBE produces diaphragms **with or without gasket** (paper, others)
- EFFBE has developed materials with a **special resistance to low temperature and anti-weaking coated fabrics**
- Competence centre to guarantee to our customers state of the art development of specific diaphragms for autogas devices. The EFFBE quality is recognized and used by the world's biggest manufacturers of autogas devices.

The EFFBE coated fabrics for autogas devices are certificated by the most important european institutions and are homologated according to the international standards ISO 15500, R110 and UN67.

Quality approved for CNG (ISO 15500 and R110) and LPG (R-67)

EFFBE code	Rubber	Fabric	Thickness (mm)	Bursting pressure DIN 53861 N/mm	Thermal application range (C°)*	Special treatment anti weaking	UN 67 LPG Class 2	UN 67 LPG Class 1 (with ozon and heat test)	R 110 CNG Class 1 & 3 (with ozon and heat test)	R 110 CNG Class 2 & 4	R 110 CNG with test -40°C	ISO 15500
745N Tg70 0,15 mm	nitrile	polyester	0,15 +- 0,01	7	-30°C /+ 100°C	no	in accordance	in accordance	in accordance	in accordance	in accordance	in accordance
745N Yg290 0,38 mm	nitrile	cellulose	0,38 +-0,04	29	-30°C /+ 100°C	no	certified	in accordance	in accordance	in accordance	in accordance	in accordance
745N Ag300 0,42 mm	nitrile	polyamide	0,42 +- 0,04	30	-30°C /+ 100°C	no	in accordance	in accordance	in accordance	in accordance	in accordance	in accordance
745N Yg290 0,60 mm	nitrile	cellulose	0,6 +- 0,06	60	-30°C /+ 100°C	yes	in accordance	in accordance	in accordance	in accordance	in accordance	in accordance
745N Ag550 1 mm	nitrile	polyamide	1,0 +- 0,1	55	-30°C /+ 100°C	no	in accordance	in accordance	in accordance	in accordance	in accordance	in accordance
745N Yg220 1,1 mm AF	nitrile	cellulose	1,10 +- 0,1	22	-30°C /+ 100°C	yes	certified	in accordance	in accordance	in accordance	in accordance	in accordance
745N Yg290 1,5 mm	nitrile	cellulose	1,5 +- 0,15	29	-30°C /+ 100°C	no	in accordance	in accordance	in accordance	in accordance	in accordance	in accordance
701281N 2x Ag610 1,5 mm	nitrile	2 polyamide layers	1,5 +- 0,15	120	-30°C /+ 100°C	no	in accordance	in accordance	in accordance	in accordance	in accordance	in accordance
701281N 2x Ag610 2 mm	nitrile	2 polyamide layers	2,0 +- 0,02	120	-30°C /+ 100°C	no	certified	in accordance	in accordance	in accordance	in accordance	in accordance
701281N 2x Ag610 2,5 mm	nitrile	2 polyamide layers	2,5 +- 0,25	120	-30°C /+ 100°C	no	certified	in accordance	in accordance	in accordance	in accordance	in accordance
745N Ag600 2 mm	nitrile	polyamide	2,0 +- 0,2	60	-30°C /+ 100°C	no	certified	in accordance	in accordance	in accordance	in accordance	in accordance
401614P Tg65 0,24 mm	epichlorhydrine	polyester	0,24 +- 0,02	6,5	-40°C /+ 120°C	no	certified	certified	certified	certified	certified	certified
401616P Tg65 0,24 mm	unleaded epichlorhydrine	polyester	0,24 +- 0,02	6,5	-40°C /+ 120°C	no	certified	certified	certified	certified	certified	certified
7049P Ag300 0,55 mm	unleaded epichlorhydrine	polyamide	0,55 +- 0,05	30	-40°C /+ 120°C	yes	certified	certified	certified	certified	certified	certified
7049P Ag550 1,1 mm	unleaded epichlorhydrine	polyamide	1,10 +- 0,11	55	-40°C /+ 120°C	yes	certified	certified	certified	certified	certified	certified
7049P Ag550 1,5 mm	unleaded epichlorhydrine	polyamide	1,5 +- 0,15	55	-40°C /+ 120°C	yes	certified	certified	certified	certified	certified	certified
7049P Ag550 2 mm	unleaded epichlorhydrine	polyamide	2,0 +- 0,2	55	-40°C /+ 120°C	yes	certified	certified	certified	certified	certified	certified
7049P 2x Ag550 3 mm	unleaded epichlorhydrine	2 polyamide layers	3,0 +- 0,3	110	-40°C /+ 120°C	yes	certified	certified	certified	certified	certified	certified

* Non-binding guide value