



PROPERTIES OF THE MATERIALS

This list of materials is not exhaustive.
In case of a special requirement or a doubt about the material to be used, don't hesitate to contact us:
+33 (0)2 32 58 10 09 or efjm@efjm.com

Type of resistance:

P: Poor - **M:** Medium - **G:** Good - **VG:** Very Good - **E:** Excellent

ASTM DESIGNATIONS	NR	SBR	BR	IIR	EPM	CR	NBR	ACM	CO ECO ESTER	CSM	CM	VMQ PVMQ	FVMQ	FPM	EU AU	Vamac®
RESISTANCE TO SOLVENTS																
aliphatic	P	P	P	P	P	G	E	E	E	M to G	G	P	E	E	G to E	G
aromatic	P	P	P	P	P	M	G	M	VG	M	M	P	E	E	M to G	M
oxygenated (ketones...)	M to G	G	G	VG to EVG to E	P	P	P	P	P	P	M	M	P	P	P	P
RESISTANCE TO ACIDS																
diluted	M to G	M to G	M to G	E	E	E	G	P	M to G	E	E	E	E	VG	M	M
concentrated	M to G	M to G	M to G	G	G	G	G	P	M	VG	G	M	G	VG	P	P
RESISTANCE TO AGING																
oxygen	M	M	M	E	E	G	G	E	G	E	E	E	E	E	E	E
ozone	P to M	P	P	VG	E	G	M	E	E	E	E	E	E	E	E	E
light	P	P	P	VG	E	VG	P	E	G	E	E	E	E	E	E	E
temp. upper limit in continuous op. in C°	70	80	90	120	130	95	115	175	125	120	130	200	170	250	85	150
behavior at low temp.	E	VG	E	G	E	G	M to G	M	G to VG	G	VG	E	E	G	E	G

NR: Natural Rubber - **SBR:** Styrene butadiene - **BR:** Polybutadiene - **IIR:** Butyl - **EPM:** EPDM - **CR:** Polychloroprene - **NBR:** Nitrile Butadiene Rubber
ACM: Polyacrylics - **CO ECO ESTER:** Epichlorohydrins - **CSM:** Hypalon® - **CM:** Chlorinated polyethylene - **VMQ PMQ:** Silicones - **FMQ:** Fluorinated silicones
FPM: Fluorocarbon - **EU AU:** Polyurethanes - **Vamac®:** Vamac®

