



DEMS

Rubber moulded components



RUBBER MOULDINGS

We offer technical expertise in component and tooling design, as well as the correct material specifications for the appropriate application and part performances. DEMS have our own Chemist that can custom formulate the entire range of rubber compounds for your exact application and part requirements, no matter what your application is. Over many years of experience, DEMS have mastered the art of moulding rubber to metal and moulding rubber to a host of engineering plastics, successfully. We have the capabilities of moulding a range of different Resin base and Dough moulding compounds to satisfy clients requirements.

DEMS are very proud of the fact that we have become one of the leaders in the Rubber Moulding manufacturing industry, satisfying all of your needs and requirements.

DEMS have a fully equipped Tool Room, where all our tooling is designed and manufactured in-house at DEMS, ensuring we keep the tooling cost down to a bare minimum for our customers.

RUBBER SHEETING

DEMS supply a full range of different materials in the Rubber sheeting sector. We are in the fortunate position to be able to supply our industry customers with either full rubber rolls or cut-to-size rubber components / sheets depending on the customer requirements.

We can offer our customers your basic GP and Insertion materials right up to your more exotic food grade, and more Hi-Spec / Hi-Temp Viton material grades and Silicone grade sheeting materials in a host of different shore hardnesses.



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RUBBER SHEETING

<u>PRODUCT DESCRIPTION</u>	<u>FINISH</u>	<u>HARDNESS</u> <u>+ -5° IRHD</u>	<u>SPECIFIC GRAVITY</u> <u>(SG)</u>	<u>TENSILE STRENGTH</u> <u>MPA</u>	<u>ELONGATION @ BREAK %</u>	<u>TEMP RANGE</u>
GP 45	Fabric	45	1.35	3.0	300%	-30~80
GP 55	Fabric	55	1.50	3.0	250%	-30~80
GP 65	Fabric	65	1.50	2.5	200%	-30~80
INSERTION 70	Fabric	70	1.50	2.5	200%	-30~80
BUTYL	Fabric	60	1.40	5.0	300%	-20~130
EPDM COMMERCIAL GRADE	Fabric	70	1.40	4.0	250%	-30~100
EPDM HIGH GRADE	Fabric	70	1.30	5.0	300%	-20~130
FOOD QUALITY	Fabric	65	1.50	5.0	450%	-28~80
NEOPRENE HIGH GRADE BLACK	Fabric	70	1.45	5.0	450%	-40~100
NEOPRENE HIGH GRADE BLACK	Fabric/ smooth	70	1.45	10.0	400%	-40~100
NEOPRENE COMMERCIAL RED	Fabric	65	1.65	4.0	300%	-20~80
NEOPRENE COMMERCIAL BLACK	Fabric	60	1.40	4.0	250%	-20~80
NEOPRENE SMOOTH	Smooth	60	1.40	4.0	250%	-20~80
NITRILE COMMERCIAL GRADE	Smooth	65	1.40	4.0	250%	-28~80
NITRILE HIGH GRADE	Fabric	65	1.20	8.5	400%	-30~100
DIAPHRAGM SHEETING	Fabric	65	1.20	8.5	400%	-30~100
SILICONE	Smooth	60	1.25	7.0	350%	-60~200
VITON	Fabric	70	1.90	7.0	200%	-40~200