

# Ferolite®

An ISO 9001 : 2008 Certified Company

All Information and recommendations given in this brochure are correct to the best of our knowledge. Since conditions of use are beyond our control, the information provided can only serve as a guideline. Users must satisfy themselves that products are suitable for the intended process and uses. We reserve the right to change product design and properties without notice.

Should you have any doubts about the choice of sealing material, please refer to us. Our Engineering cell will be happy to assist you.



	FMY 101	FMY 121	FMY 111	FMR 201	FML 401	FMP 211	FMP 241	FMP 231	FMP 261	FMP 251	FMP 221	FMPT 601	FMC 301	FMC 311 M
	YARN	YARN + METALLIC	YARN + GRAPHITE	BRAIDED & TWISTED ROPE	LAGGING ROPE	GLAND PACKING GRAPHITED & LUBRICATED	GLAND PACKING SELF LUBRICATED	GLAND PACKING + BRASS METALLIC	GLAND PACKING + SS METALLIC	GLAND PACKING + INCONEL METALLIC	GLAND PACKING + LEAD METALLIC	GLAND PACKING + PTFE	ASB. CLOTH	METALLIC ASB. CLOTH
bar Rotating	—	—	—	—	—	40	50	55	55	55	50	40	---	---
bar Oscillating	—	—	—	—	—	100	125	130	130	130	125	100	---	---
bar Fixed	—	—	—	—	—	250	300	350	380	350	300	250	---	---
Temperature °C -	-150	-200	-150	-150	-100	-150	-150	-150	-200	-200	-150	-150	-150	-150
Temperature °C+	350	400	350	400	400	350	450	500	600	700	350	300	450	450
Tex	1800 ± 300	2200 ± 300	3000 ± 300	—	—	—	—	—	—	—	—	—	—	—
Density g/cm³	—	—	—	0.82	0.25	1.67	1.57	1.67	1.67	1.67	2.0	1.25	0.82	0.97
gms/m²	—	—	—	—	—	---	—	—	—	—	—	—	1100	1200
Tensile Strength kg/sqcm	1 Min	2.0 Min	2.0 Min	—	—	—	—	—	—	—	—	—	—	—
Water	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Steam	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Neutral Solutions	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Dilute Acids	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Mild Acids	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Concentrated Acids	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Dilute Alkalies	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Strong Alkalies	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Inert Gases	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Acidic Vapors /Gases	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Solvents	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Organic Compounds	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Mineral Oil	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Synthetic Oil	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Abrasive Media	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Bitumen	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Lacqures	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Legends :

● Suitable

● Conditional Suitable

ALL DATA QUOTED ABOVE ARE BASED ON YEARS OF EXPERIENCE IN PRODUCTION & OPERATION OF SEALING ELEMENTS, IN VIEW OF THE WIDE VARIETY OF POSSIBLE INSTALLATION & OPERATING CONDITIONS ONE CAN NOT DRAW FINAL CONCLUSION IN ALL APPLICATION CASES REGARDING THE BEHAVIOR IN SEALING JOINT. THE DATA MAY NOT THEREFORE, BE USED TO SUPPORT ANY WARRANTY CLAIMS. WHENEVER THERE IS ANY DOUBT, OUR STAFF WILL BE PLEASED TO ASSIST YOU IN FINDING THE OPTIMUM SEALING SOLUTIONS