



SIGMA[®] HOSES TRANSPORT SYSTEM

DESIGNED FOR THE HYDRAULIC
AND PNEUMATIC TRANSPORT OF
HIGHLY ABRASIVE MATERIALS.



Our SIGMA[®] transport system is designed **for the hydraulic and pneumatic transport of highly abrasive materials.**

Engineered with extreme abrasion resistance, it offers outstanding durability and efficiency in the most demanding environments – making it the go-to solution for bulk material handling.

With in-house mixing capabilities and a global production network, we ensure consistent stock availability – anytime, anywhere.



SIGMA[®] HOSE

INDUSTRY APPLICATION

BUILDING

CONSTRUCTION

MINING

INTRODUCING THE SIGMA[®] ADVANTAGE



Effortless assembly due to innovative coupling system



Reduced noise level for dry good handling as compared to steel pipes



Outstanding performance and durability



All in 1 assembly solution system (hose, coupling and gasket)



High abrasion resistant liner down to ~50mm³ (plus), ~70 mm³ (black) according to DIN ISO 4649:2021



MSHA approved hose cover*



Reduced lifecycle cost and downtime maintenance planning as compared to steel pipes



Supply security and stock availability

*MSHA U.S. department of labor Mine Safety and Health Administration approved hose cover for Sigma[®] plus

Va.09.2025. All specifications, numbers, calculations, test values, and data mentioned here – which are the basis for our customer consultation – are in accordance with the latest engineering standards. As the operating conditions have an influence on product application, it is the sole responsibility of the customer to check the application conditions of each individual case, and whether the specified quality criteria of our products are adequate for the intended purpose. Improper use, excessive loading, or exposure to impermissible media can impair the product's function. The pictures and graphics shown are only representative images. No liability is accepted for mistakes or printing errors, and data is subject to change at any time. Sustainability report can be found here <https://www.semperitgroup.com/company/sustainability>. Copying and distribution in any form whatsoever, in whole or in part, only with the express written consent of Semperit. Copyright © Semperit 2025. All rights reserved.

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